

Tel: 400-999-8863
 ■ Email:Upingbio.163.com



eNOS (Phospho-Ser633) rabbit pAb

Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+).,cofactor:Binds 1 FAD.,cofactor:Binds 1 FMN.,cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme.,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility		
Reactivity Human; Mouse;Rat Applications WB Gene Name NOS3 Protein Name eNOS (Phospho-Ser633) Immunogen Synthesized peptide derived from human eNOS (Phospho-Ser633) Specificity This antibody detects endogenous levels of eNOS (Phospho-Ser633) at Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.131% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Catalytic activity: L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxic + n NADP(+), cofactor:Binds 1 FAD, cofactor:Binds 1 FMN, cofactor:Heme group, cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme, enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN, function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transductive pathway. NO mediates vascular endothelial growth factor (VEGF)-induced and angiogenessis in coronary vessels and promotes blood clotting through the activation of platelets, online information:Nitric oxide synthase entry, polymorphism.' Variation in NOS3 seem to be associated with susceptibility	Catalog No	YP-Ab-10476
Applications WB Gene Name NOS3 Protein Name eNOS (Phospho-Ser633) Immunogen Synthesized peptide derived from human eNOS (Phospho-Ser633) Specificity This antibody detects endogenous levels of eNOS (Phospho-Ser633) at Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.131% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Catalytic activity:.1-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxide vascular enzyme, enzyme regulation: Stimulated by calculum/calmodulin. Inhibited by NOSIP and NOSTRIN, function: Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transductic pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clothing through the activation of platelets, online information: Nitric oxide synthase entry, polymorphism: Variation in NOS3 seem to be associated with susceptibility	Isotype	IgG
Gene Name NOS3 Protein Name eNOS (Phospho-Ser633) Immunogen Synthesized peptide derived from human eNOS (Phospho-Ser633) Specificity This antibody detects endogenous levels of eNOS (Phospho-Ser633) at Human, Mouse, Rat Formulation Liquid in PBS containing 50% glycerol, and 0.131% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:cofactor:Binds 1 FAD_cofactor:Binds 1 FMN_cofactor:Heme group, cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme, enzyme regulation:Situnidated by calcum/calmodulin. Inhibited by	Reactivity	Human; Mouse;Rat
Protein Name eNOS (Phospho-Ser633) Immunogen Synthesized peptide derived from human eNOS (Phospho-Ser633) Specificity This antibody detects endogenous levels of eNOS (Phospho-Ser633) at Human, Mouse, Rat Formulation Liquid in PBS containing 50% glycerol, and 0.131% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity.1—arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxide + n NADP(-), cofactor:Binds 1 FAD, cofactor:Binds 1 FMN, cofactor:Heme group, cofactor:Tetrahydrobioptenin (BH4). May stabilize the dimeric form of the enzyme, enzyme regulation. Silnulated by calcium/calmodulin	Applications	WB
Immunogen Synthesized peptide derived from human eNOS (Phospho-Ser633)	Gene Name	NOS3
Specificity This antibody detects endogenous levels of eNOS (Phospho-Ser633) at Human, Mouse, Rat Formulation Liquid in PBS containing 50% glycerol, and 0.131% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxide + n NADP(+), cofactor:Binds 1 FAD, cofactor:Binds 1 FAD, cofactor:Heme enzyme, enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN, function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relexation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood cotting through the activation of platelets, online information:Nitric oxide synthase entry, polymorphism:Variation in NOS3 seem to be associated with susceptibility	Protein Name	eNOS (Phospho-Ser633)
Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.131% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+), cofactor:Binds 1 FAD., cofactor:Heme group, cofactor: Tetrahydroblopterin (BH4). May stabilize the dimeric form of the enzyme, enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN. function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets, online information:Nitric oxide synthase entry, polymorphism:Variation in NOS3 seem to be associated with susceptibility	Immunogen	Synthesized peptide derived from human eNOS (Phospho-Ser633)
Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+), cofactor:Binds 1 FAD, cofactor:Binds 1 FMD, cofactor:Heme group, cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme.enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN, function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets, online information: Nitric oxide with susceptibility.	Specificity	This antibody detects endogenous levels of eNOS (Phospho-Ser633) at Human, Mouse,Rat
Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity: L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxide + n NADP(+), cofactor:Binds 1 FAD, cofactor:Binds 1 FMN, cofactor:Heme groupcofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme, enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN, function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transductic pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets, online information:Nitric oxide synthase entry, polymorphism:Variation in NOS3 seem to be associated with susceptibility	Formulation	Liquid in PBS containing 50% glycerol, and 0.131% sodium azide.
using specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+), cofactor:Binds 1 FAD, cofactor:Binds 1 FMN.,cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme, enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transductic pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets., online information:Nitric oxide synthase entry, polymorphism:Variation in NOS3 seem to be associated with susceptibility	Source	Polyclonal, Rabbit,IgG
Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+), cofactor:Binds 1 FAD. cofactor:Binds 1 FMN, cofactor:Heme group, cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme.,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN., function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets., online information:Nitric oxide synthase entry, polymorphism:Variation in NOS3 seem to be associated with susceptibility	Purification	
Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+), cofactor:Binds 1 FAD., cofactor:Binds 1 FMN., cofactor:Heme group., cofactor: Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme, enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN, function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets, online information:Nitric oxide synthase entry, polymorphism:Variation in NOS3 seem to be associated with susceptibility	Dilution	WB 1:500-2000
Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+).,cofactor:Binds 1 FAD.,cofactor:Binds 1 FMN.,cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility	Concentration	1 mg/ml
Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS) (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+).,cofactor:Binds 1 FAD.,cofactor:Binds 1 FMN.,cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transductic pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility	Purity	≥90%
(EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+).,cofactor:Binds 1 FAD.,cofactor:Binds 1 FMN.,cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme.,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility	Storage Stability	-20°C/1 year
Cell Pathway Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+).,cofactor:Binds 1 FAD.,cofactor:Binds 1 FMN.,cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme.,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility	Synonyms	
Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+).,cofactor:Binds 1 FAD.,cofactor:Binds 1 FMN.,cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme.,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility	Observed Band	
catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxid + n NADP(+)cofactor:Binds 1 FADcofactor:Binds 1 FMNcofactor:Heme groupcofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzymeenzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRINfunction:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of plateletsonline information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility	Cell Pathway	which is favored by interaction with NOSIP and results in a reduced enzymatic
+ n NADP(+)cofactor:Binds 1 FADcofactor:Binds 1 FMNcofactor:Heme groupcofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzymeenzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRINfunction:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of plateletsonline information:Nitric oxide synthase entry.polymorphism:Variation in NOS3 seem to be associated with susceptibility	Tissue Specificity	Platelets, placenta, liver and kidney.
FAD-binding FR-type domain.,similarity:Contains 1 flavodoxin-like	Function	group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the enzyme.,enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRIN.,function:Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility to coronary spasm.,similarity:Belongs to the NOS family.,similarity:Contains 1



UpingBio technology Co.,Ltd

(Tel: 400-999-8863 **(** Emall:Upingbio.163.com



Background	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

