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## PSMD12 Polyclonal Antibody

structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of		
Reactivity         Human;Mouse;Rat           Applications         WB;IHC;IF;ELISA           Gene Name         PSMD12           Protein Name         26S proteasome non-ATPase regulatory subunit 12           Immunogen         The antiserum was produced against synthesized peptide derived from human PSMD12. AA range:151-200           Specificity         PSMD12 Polyclonal Antibody detects endogenous levels of PSMD12 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit 55           Observed Band         50kD           Cell Pathway         proteasome complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, methane, proteasome regulatory subunit RPN5; 26S proteasome which is involved in the ATP-dependent degradation of ubiquifinated proteinsmerance, proteasome recontescomplex, nucleoplasm, c	Catalog No	YP-Ab-02768
Applications         WB;IHC;IF;ELISA           Gene Name         PSMD12           Protein Name         26S proteasome non-ATPase regulatory subunit 12           Immunogen         The antiserum was produced against synthesized peptide derived from human PSMD12. AA range:151-200           Specificity         PSMD12 Polyclonal Antibody detects endogenous levels of PSMD12 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purify         290%           Storage Stability         -20°C/1 year           Synonyms         PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55           Observed Band         50kD           Cell Pathway         proteasome complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, membrane, proteasome regulatory complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquifinated proteins inilarity. Beiongs to the prote	Isotype	IgG
Gene Name       PSMD12         Protein Name       26S proteasome non-ATPase regulatory subunit 12         Immunogen       The antiserum was produced against synthesized peptide derived from human PSMD12. AA range:151-200         Specificity       PSMD12 Polyclonal Antibody detects endogenous levels of PSMD12 protein.         Formulation       Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.         Source       Polyclonal, Rabbit,IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55         Observed Band       50kD         Cell Pathway       proteasome complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, roteasome regulatory subunit p55         Disectificity       Frain, Muscle, Platelet, Testis, Tongue,         Function       function.tcs as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins, similarity: Belongs to the proteasome subunit p55 family, similarity: Contains 1 PCI domain, subunit Component	Reactivity	Human;Mouse;Rat
Protein Name26S proteasome non-ATPase regulatory subunit 12ImmunogenThe antiserum was produced against synthesized peptide derived from human PSMD12. AA range: 151-200SpecificityPSMD12 Polyclonal Antibody detects endogenous levels of PSMD12 protein.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000. IF 1:50-200Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsPSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55Observed Band50kDCell Pathwayproteasome complex, nucleoplasm, cytopasm, cytopasm, epiteasome, accessory complex, nucleoplasm, cytopasm, cytosol, proteasome regulatory particle, proteasome regulatory subunit for the 26S proteasome mediated proteins, similarity. Belongs to the proteasome subunit p56 formity, similarity.Contains 1 PCI domain, subunit Component of the PA700 complex, insinarity. Belongs to the proteasome subunit p55 family, similarity.Contains 1 PCI domain, subunit Component of the PA700 complex, ing are composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 2 kings are composed of 7 beta subunits. The 19S regulator is composed of 2 kings are complex vibro centains ubunits. Proteasome subunits, and a lid, which contains ou to 10 non-ATPase subunits. The 19S regulator is subunits, and a lid, which contains ou for 10 non-ATPase subun	Applications	WB;IHC;IF;ELISA
ImmunogenThe antiserum was produced against synthesized peptide derived from human PSMD12. AA range:151-200SpecificityPSMD12 Polyclonal Antibody detects endogenous levels of PSMD12 protein.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolyclonal, Rabbit.lgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB: 1/500 - 1/2000, IHC: 1/100 - 1/300, ELISA: 1/40000,. IF 1:50-200Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsPSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55Observed Band50kDCell Pathwayproteasome complex, nucleoplasm, cytopasm, cytopasm, epiteasome accessory complex, nucleoplasm, cytopasm, cytosol, proteasome regulatory particle, proteasome regulatory subunit p55Functionfunction:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins, similarity:Belongs to the proteasome subunit Component of the PA700 complex,.BackgroundThe 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and 2 10S regulator. The 20S core is composed of 2 frings are composed of 7 beas subunits. The 19S regulator 	Gene Name	PSMD12
PSMD12. AA range:151-200         Specificity       PSMD12 Polyclonal Antibody detects endogenous levels of PSMD12 protein.         Formulation       Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.         Source       Polyclonal, Rabbit,IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55         Observed Band       50kD         Cell Pathway       proteasome complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory particle, ild subcomplex, membrane, proteasome accessory complex, nuclear proteasome complex, extracellular exosome, accessory complex, component of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins _ similarity: Belongs to the proteasome subunit, 505 family, similarity.Contains 1 PC1 domain, subunit. Component of the PA700 complex,         Background       The 26S proteasome is a multicatalytic prote	Protein Name	26S proteasome non-ATPase regulatory subunit 12
Formulation       Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.         Source       Polyclonal, Rabbit, IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit p55         Observed Band       50kD         Cell Pathway       proteasome complex, nucleoplasm, cytopalsm, cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, membrane, proteasome accessory complex, nucleoplasm cytopalsm, cytosol, proteasome regulatory particle, proteasome subunit p55         Observed Band       50kD         Cell Pathway       proteasome subunit certication of ubiquitinated proteins, similarity: Belongs to the proteasome subunit p55 family, similarity: Contains 1 PCI domain, subunit:Component of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins, similarity: Belongs to the proteasome subunit p55 family, similarity:Contains 1 PCI domain, subunit:Component of the PA700 complex.,         Background       The 26S proteasome is a multicatalytic proteinase complex with a highly orderec structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 2 mon-	Immunogen	
Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55           Observed Band         50kD           Cell Pathway         proteasome complex,nucleoplasm,cytoplasm,cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, membrane, proteasome accessory complex, nuclear proteasome complex, extracellular exosome, accessory complex,nuclear proteasome complex, extracellular exosome, accessory complex,nuclear proteasome complex, extracellular exosome, accessory complex,nuclear proteasome complex, similarity:Belongs to the proteasome subunit f55 family, similarity:Contains 1 PCI domain., subunit:Component of the PA700 complex.,           Background         The 26S proteasome is a multicatalytic proteinase complex with a highly ordered story is composed of 2 complexes, a 20S core abunits and 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits. The 19S regulator is composed of a base, which contains the ATP-ase subunits. And a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits. The 19S regulator is composed of a base. Which contains the ATP-ase subunits. Proteasome s are distributed throughou	Specificity	PSMD12 Polyclonal Antibody detects endogenous levels of PSMD12 protein.
Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit p55         Observed Band       50kD         Cell Pathway       proteasome complex,nucleoplasm,cytoplasm,cytosol,proteasome regulatory particle, proteasome regulatory particle, lid subcomplex,membrane,proteasome accessory complex,nucleoplasm,cytoplasm,cytosol,proteasome regulatory particle, proteasome subunit p55         Tissue Specificity       Brain,Muscle,Platelet,Testis,Tongue,         Function       tunction:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins, similarity:Belongs to the proteasome subunit p55 family, similarity:Contains 1 PCI domain, subunit:Comporent of the PA700 complex,.         Background       The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 non-ATPase aregulator throughout eukaryotic cells at a high c	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.         Dilution       WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit 12; 26S proteasome regulatory subunit p55         Observed Band       50kD         Cell Pathway       proteasome complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, membrane, proteasome accessory complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, membrane, proteasome accessory complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome segulatory particle, lid subcomplex, membrane, proteasome accessory complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome segulatory particle, lid subcomplex, membrane, proteasome accessory complex, nucleop proteasome complex, extracellular exosome,         Tissue Specificity       Brain,Muscle,Platelet,Testis,Tongue,         Function       function:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins, similarity:Belongs to the proteasome subunit p55 family, similarity:Contains 1 PCI domain., subunit:Component of the PA700 complex,.         Background       The 26S proteasome is a multicatalytic proteinase complex with a highly orderece core is composed of 2 complexes, a 20S	Source	Polyclonal, Rabbit,IgG
Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit 12; 26S proteasome regulatory subunit 12; 26S proteasome regulatory subunit p55         Observed Band       50kD         Cell Pathway       proteasome complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, membrane, proteasome accessory complex, nuclear proteasome complex, extracellular exosome, accessory complex, nuclear proteins, similarity. Contains 1 PC1 domain.         Background       The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 2 complexes, a 20S core and a 19S re	Purification	
Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55           Observed Band         50kD           Cell Pathway         proteasome complex, nucleoplasm, cytoplasm, cytosol, proteasome regulatory particle, proteasome regulatory particle, lid subcomplex, membrane, proteasome accessory complex, nucleop roteasome complex, extracellular exosome, accessory complex, nuclear proteasome complex, extracellular exosome, accessory complex, nuclear proteasome of bioquitinated proteins, similarity:Belongs to the proteasome subunit p55 family. similarity:Contains 1 PCI domain., subunit:Component of the PA700 complex,.           Background         The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 2 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits, and a lid, which contains 0 ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave	Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200
Storage Stability       -20°C/1 year         Synonyms       PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55         Observed Band       50kD         Cell Pathway       proteasome complex,nucleoplasm,cytoplasm,cytosol,proteasome regulatory particle, proteasome regulatory particle, lid subcomplex,membrane,proteasome accessory complex,nuclear proteasome complex,extracellular exosome,         Tissue Specificity       Brain,Muscle,Platelet,Testis,Tongue,         Function       function:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit p55 family.,similarity:Contains 1 PCI domain.,subunit:Component of the PA700 complex.,         Background       The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 0 ATPase subunits and 2 non-ATPase s	Concentration	1 mg/ml
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regulatory subunit RPN5; 26S proteasome regulatory subunit p55Observed Band50kDCell Pathwayproteasome complex,nucleoplasm,cytoplasm,cytosol,proteasome regulatory particle,proteasome regulatory particle, lid subcomplex,membrane,proteasome accessory complex,nuclear proteasome complex,extracellular exosome,Tissue SpecificityBrain,Muscle,Platelet,Testis,Tongue,Functionfunction:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit p55 family.,similarity.Contains 1 PCI domain.,subunit:Component of the PA700 complex.,BackgroundThe 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits. The 19S regulator is composed of a base, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave	Storage Stability	-20°C/1 year
Cell Pathwayproteasome complex,nucleoplasm,cytoplasm,cytosol,proteasome regulatory particle,proteasome regulatory particle, lid subcomplex,membrane,proteasome accessory complex,nuclear proteasome complex,extracellular exosome,Tissue SpecificityBrain,Muscle,Platelet,Testis,Tongue,Functionfunction:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit p55 family.,similarity:Contains 1 PCI domain.,subunit:Component of the PA700 complex.,BackgroundThe 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave	Synonyms	
particle,proteasome regulatory particle, lid subcomplex,membrane,proteasome accessory complex,nuclear proteasome complex,extracellular exosome,Tissue SpecificityBrain,Muscle,Platelet,Testis,Tongue,Functionfunction:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit p55 family.,similarity:Contains 1 PCI domain.,subunit:Component of the PA700 complex.,BackgroundThe 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave	Observed Band	50kD
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<ul> <li>the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit p55 family.,similarity:Contains 1 PCI domain.,subunit:Component of the PA700 complex.,</li> <li>Background</li> <li>The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave</li> </ul>	Tissue Specificity	Brain,Muscle,Platelet,Testis,Tongue,
structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave	Function	the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit p55 family.,similarity:Contains 1 PCI
	Background	core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave



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essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 3. Alternatively spliced transcript variants encoding

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.



