



# NF-kB p65 Protein, Human, Recombinant (aa 1-306, GST Tag)说明书

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**名称:** NF-kB p65 Protein, Human, Recombinant (aa 1-306, GST Tag)

**目录号:** YP-C-2540

**种属:** Human

**规格:** 10ug/50ug/500ug/1mg

**缓冲液:** Lyophilized from sterile 20mM Tris, 0.15M NaCl, 20mM GST, pH 8.0

Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.

**表达宿主:** E. coli

**内毒素:** Please contact us for more information.

**生物活性:** Testing in progress

**蛋白构建** A DNA sequence encoding the human RELA (Q04206-1) RHD domain (Met 1-Tyr 306) was fused with the GST tag at the N-terminus.

Uniprot No.: Q04206-1

**预测 N 端:** Met

**分子量:** The recombinant human RELA/GST chimera consists of 540 amino acids and has a



predicted molecular mass of 62 kDa. It migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.

**复溶:** A hardcopy of datasheet with reconstitution instructions is sent along with the products. Please refer to it for detailed information.

**别称:** NFKB3 Protein, Human; p65 Protein, Human

**背景信息:** RELA (v-rel reticuloendotheliosis viral oncogene homolog A), also known as Nuclear factor NF-kappa-B p65 subunit, or Transcription factor p65, is a transcription factor expressed in growth plate chondrocytes where it facilitates chondrogenesis. The v-rel avian reticuloendotheliosis viral oncogene homolog A (RELA) gene encodes the major component of the NF- $\kappa$ B complex. NF-kappaB is a generic name for an evolutionarily conserved transcription-factor system that contributes to the mounting of an effective immune response but is also involved in the regulation of cell proliferation, development, and apoptosis. The implication of NF-kappaB in central biological processes and its extraordinary connectivity to other signaling pathways raise a need for highly controlled regulation of NF-kappaB activity at several levels. The mammalian Rel/NF-kappaB family of transcription factors, including RelA, c-Rel, RelB, NF-kappaB1 (p50 and its precursor p105), and NF-kappaB2 (p52 and its precursor p100), plays a central role in the immune system by regulating several processes ranging from the development and survival of lymphocytes and lymphoid organs to the control of immune responses and malignant transformation.

**产品纯度:** > 70 % as determined by SDS-PAGE.

**储存方法:** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein



be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**运输方式:** In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.