

## Product datasheet for **TP750174**

### NF- $\kappa$ B p65 (RELA) (NM\_021975) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human v-rel reticuloendotheliosis viral oncogene homolog A (avian) (p65), transcript variant 1, Ser374-end, with C-terminal Myc-DDK tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Ser374-end) of p65
Tag:	Myc-DDK
Predicted MW:	20.3 kDa
Purity:	> 85% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_068810</a>
Locus ID:	5970
UniProt ID:	<a href="#">Q04206</a>
RefSeq Size:	1760
Cytogenetics:	11q13.1
RefSeq ORF:	1653
Synonyms:	CMCU; NFKB3; p65



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**Summary:**

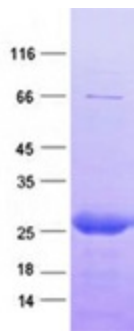
NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

**Protein Families:**

Druggable Genome, Transcription Factors

**Protein Pathways:**

Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

**Product images:**

Purified recombinant protein p65 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.