

Recombinant Full Length Human RELB Protein, Myc/DDK-tagged

Cat. No. RELB-5321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human v-rel reticuloendotheliosis viral oncogene homolog B (RELB) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	1-579 a.a.
Description	Enables RNA polymerase II cis-regulatory region sequence-specific DNA binding activity and protein kinase binding activity. Involved in lymphocyte differentiation and negative regulation of interferon-beta production. Located in cytosol and nucleoplasm. Part of chromatin; nucleus; and transcription repressor complex. Colocalizes with centrosome. Implicated in breast cancer and immunodeficiency 53. Biomarker of breast cancer and transitional cell carcinoma.
Molecular Mass	62 kDa
AA Sequence	MLRSGPASGPSVPTGRAMPSRRVARPPAAPPELGALGSPDLSSLSLAVSRSTDELEII DEYIKENGFGLDGGQPGPGEGLPRLVSRGAASLSTVTLGPVAPPATPPPWGCPLG RLVSPAPGPGPQPHLVITEQPKQRMFRFYECEGRSAGSILGESSTEASKTLPAIEL RDCGGLREVEVTACLWWDWPHRVHPHSLVGKDCTDGICRVRLRPHVSPRHSFNN LGIQCVRKKEIEAAIERKIQLGIDPYNAGSLKNHQEVDMMNVVRICFQASYRDQQGQM RRMDPVLSEPVYDKKSTNTSELRICRINKESGPCTGGEELYLLCDKVQKEDISVVS

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RASWEGRADFSQADVHRQIAIVFKTPPYEDLEIVEPVTNVNVLQRLTDGVCSEPLPF
 TYLPRDHDSYGVDKKRKRGMMPDVLGELNSSDPHGIESKRRKKKPAILDHFLPNHGS
 GPFLPPSALLPDPDFFSGTVSLPGLEPPGGPDLLDDGFAYDPTAPTFLTMLDLLPPA
 PPHASAVVCSGGAGAVVGETPGPEPLTDSYQAPGPGDGGTASLVGSNMFPNHYR
 EAAFGGGLLSPGPEAT

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name	RELB RELB proto-oncogene, NF-kB subunit [Homo sapiens (human)]
Official Symbol	RELB RELB proto-oncogene, NF-kB subunit [Homo sapiens (human)]
Synonyms	RELB; RELB proto-oncogene, NF-kB subunit; IREL; I-REL; IMD53; REL-B; transcription factor RelB; v-rel avian reticuloendotheliosis viral oncogene homolog B (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3); v-rel reticuloendotheliosis viral oncogene homolog B, nuclear factor of kappa light polypeptide gene enhancer in B-cells 3
Gene ID	5971

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mRNA Refseq	NM_006509
Protein Refseq	NP_006500
MIM	604758
UniProt ID	Q01201

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