RELB Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	RELB, Lysate
Full Product Name	Human RELB Protein Lysate
Product Gene Name	RELB lysate
Product Synonym Names	RELB; I-REL; IREL; REL-B; IMD53
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	62,134 Da
OMIM	604758
3D Structure	ModBase 3D Structure for Q01201
Related Product Information for RELB lysate	Human RELB Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of RELB lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RELB purchase	MBS8418468 is a lysate targeting RELB. Also known as Human RELB Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RELB. It may not necessarily be applicable to this product.

NCBI GI #	35493878
NCBI GeneID	5971
NCBI Accession #	NP_006500
UniProt Primary Accession #	Q01201
UniProt Secondary Accession #	Q6GTX7; Q9UEI7
UniProt Related Accession #	Q01201
GenBank Nucleotide #	NM_006509
NCBI Official Full Name	transcription factor RelB
NCBI Official Synonym Full Names	v-rel avian reticuloendotheliosis viral oncogene homolog B
NCBI Official Symbol	RELB
NCBI Official Synonym Symbols	IREL; I-REL; REL-B
UniProt Protein Name	Transcription factor RelB
UniProt Synonym Protein Names	I-Rel

Protein Family	Antitoxin
UniProt Gene Name	RELB
UniProt Entry Name	RELB_HUMAN
NCBI Protein Information	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 g
UniProt Comments for RELB	RELB: a transcription factor of the nuclear factor-kappaB (NFkB) transcription complex. Stimulates promoter activity in the presence NFkB1/NFkB-p50. Plays role in regulation of apoptosis in hepatocellular carcinoma through activation of downstream target genes. Does not associate with DNA or RelA/NFkB-p65. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 19q13.32 Cellular Component: nucleoplasm; cytoplasm; microtubule organizing center; cytosol Molecular Function: protein binding; chromatin binding; transcription corepressor activity; transcription factor activity Biological Process: transcription from RNA polymerase II promoter; antigen processing and presentation; I-kappaB kinase/NF-kappaB cascade; response to cytokine stimulus; T-helper 1 cell differentiation; innate immune response; myeloid dendritic cell differentiation; positive regulation of transcription from RNA polymerase II promoter; negative regulation of transcription from RNA polymerase II promoter; circadian regulation of gene expression; inflammatory response
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