Transcription Factor Relb (RELB) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Transcription factor RelB (RELB), ELISA Kit
Full Product Name	Mouse Transcription factor RelB (RELB) ELISA Kit
Product Gene Name	RELB elisa kit
Species Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	62,134 Da
OMIM	604758
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for RELB elisa kit	MBS7203846 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Transcription factor RelB (RELB) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing RELB. The ELISA analytical biochemical technique of the MBS7203846 kit is based on RELB antibody-RELB antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect RELB antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, RELB. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of RELB elisa kit 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.

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_006500.2
UniProt Secondary Accession #	Q6GTX7; Q9UEI7
UniProt Related Accession #	Q01201
GenBank Nucleotide #	NM_006509.3
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 reticuloendotheliosis viral oncogene homolog B, nuclear factor of kappa light polypeptide gene enhancer in B-cells 3; v-rel avian reticuloendotheliosis viral oncogene homolog B (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3)
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 factor activity; transcription corepressor activity Biological Process: transcription from RNA polymerase II promoter; I-kappaB kinase/NF-kappaB cascade; antigen processing and presentation; response to cytokine stimulus; T-helper 1 cell differentiation; innate immune response; positive regulation of transcription from RNA polymerase II promoter; myeloid dendritic cell differentiation; circadian regulation of gene expression; negative regulation of transcription from RNA polymerase II promoter; inflammatory response
Research Articles on RELB	**1.** Unstimulated monocyte-derived dendritic cells express RelB at low level, However, RelB increases, following stimulation, are attenuated by geldanamycin.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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