

Human RELB Knockdown Cell Lysate

Cat. No. RELB-510HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated RELB Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
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 several cellular components, including centrosome; chromatin; and nucleoplasm. Part of nucleus and transcription repressor complex. Implicated in breast cancer and immunodeficiency 53. Biomarker of breast cancer and transitional cell carcinoma.
Form	Cell-Tissue Lysis buffer
Molecular Mass	62 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg RELB KD HT-1080 cell lysate
Protein Families	Druggable Genome, Transcription Factors
Protein Pathways	MAPK signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	RELB v-rel reticuloendotheliosis viral oncogene homolog B [Homo sapiens (human)]
Official Symbol	RELB
Synonyms	RELB; v-rel reticuloendotheliosis viral oncogene homolog B; v rel avian reticuloendotheliosis viral oncogene homolog B (nuclear factor of kappa light polypeptide gene enhancer in B cells 3); transcription factor RelB; REL B; 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); IREL; I-REL; REL-B;
Gene ID	5971
mRNA Refseq	NM_006509
Protein Refseq	NP_006500

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MIM	604758
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UniProt ID	Q01201
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