

Recombinant Human CBLB 293 Cell Lysate

Cat. No. CBLB-7814HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for Cas-Br-M (murine) ecotropic retroviral transforming sequence b (CBLB) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name CBLB Cbl proto-oncogene, E3 ubiquitin protein ligase B [Homo sapiens]

Official Symbol CBLB

Synonyms

CBLB; Cbl proto-oncogene, E3 ubiquitin protein ligase B; Cas Br M (murine) ecotropic retroviral transforming sequence b , Cas Br M (murine) ectropic retroviral transforming sequence b; E3 ubiquitin-protein ligase CBL-B; Cbl b; RNF56; RING finger protein 56; SH3-binding protein CBL-B; signal transduction protein CBL-B; casitas B-lineage lymphoma proto-oncogene b; Cas-Br-M (murine) ectropic retroviral transforming sequence b; Cas-Br-M (murine) ecotropic retroviral transforming sequence b; Cbl-b; Nbla00127; FLJ36865; FLJ41152; DKFZp779A0729; DKFZp779F1443; DKFZp686J10223;

Gene ID 868

mRNA Refseq [NM_170662](#)

Protein Refseq [NP_733762](#)

MIM 604491

UniProt ID [Q13191](#)

Chromosome Location 3q

Pathway Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell

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Receptor Leading to Generation of Second Messengers, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem;

Function

calcium ion binding; ligase activity; phosphotyrosine binding; protein binding; protein kinase binding; signal transducer activity; ubiquitin-protein ligase activity; zinc ion binding;

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