

Recombinant Human BCL10 293 Cell Lysate

Cat. No. BCL10-8490HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for B-cell CLL/lymphoma 10 (BCL10) 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.

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

GENE INFORMATION
Gene Name

[BCL10 B-cell CLL/lymphoma 10 \[Homo sapiens \]](#)

Official Symbol

BCL10

Synonyms

BCL10; B-cell CLL/lymphoma 10; B-cell lymphoma/leukemia 10; c E10; CARD containing molecule enhancing NF kB; CARD containing apoptotic signaling protein; CARD containing proapoptotic protein; CARD like apoptotic protein; CARMEN; caspase recruiting domain containing protein; CIPER; CLAP; mE10; hCLAP; cCARMEN; cellular-E10; cellular homolog of vCARMEN; CARD-containing proapoptotic protein; CARD containing molecule enhancing NF-kB; CARD-containing apoptotic signaling protein; caspase-recruiting domain-containing protein; CARD-containing molecule enhancing NF-kappa-B; mammalian CARD-containing adapter molecule E10; CED-3/ICH-1 prodomain homologous E10-like regulator; c-E10;

Gene ID

[8915](#)

mRNA Refseq

[NM_003921](#)

Protein Refseq

[NP_003912](#)

MIM

[603517](#)

UniProt ID

[O95999](#)

Chromosome

1p22

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Location	
Pathway	Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Canonical NF-kappaB pathway, organism-specific biosystem;
Function	NF-kappaB binding; enzyme binding; contributes_to kinase activator activity; kinase binding; protease binding; protein C-terminus binding; protein binding; protein kinase B binding; protein kinase binding; protein self-association; transcription coactivator activity; transcription factor binding; ubiquitin binding; ubiquitin protein ligase binding;

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