

Recombinant Human BCL6 293 Cell Lysate

Cat. No. BCL6-8479HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
ProteinLength	1-706 aa
Description	Antigen standard for B-cell CLL/lymphoma 6 (BCL6), transcript variant 1 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

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

GENE INFORMATION

Gene Name [BCL6 B-cell CLL/lymphoma 6 \[Homo sapiens \]](#)

Official Symbol BCL6

Synonyms

BCL6; B-cell CLL/lymphoma 6; zinc finger protein 51 , ZNF51; B-cell lymphoma 6 protein; BCL5; BCL6A; LAZ3; ZBTB27; BCL-5; BCL-6; protein LAZ-3; zinc finger protein 51; B-cell lymphoma 5 protein; B-cell lymphoma 6 protein transcript; zinc finger transcription factor BCL6S; cys-his2 zinc finger transcription factor; zinc finger and BTB domain-containing protein 27; lymphoma-associated zinc finger gene on chromosome 3; ZNF51;

Gene ID [604](#)

mRNA Refseq [NM_001706](#)

Protein Refseq [NP_001697](#)

MIM [109565](#)

UniProt ID [P41182](#)

Chromosome Location 3q27

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Pathway

B Cell Receptor Signaling Pathway, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; FoxO family signaling, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Signaling events mediated by HDAC Class II, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;

Function

chromatin DNA binding; chromatin binding; metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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