

# Human BCL10 Knockdown Cell Lysate

**Cat. No.** BCL10-069HKCL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	WB-validated BCL10 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The protein encoded by this gene contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. This protein is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought to synergize in the activation of NF-kappaB, and the deregulation of either of them may contribute to the same pathogenetic process that leads to the malignancy. Alternative splicing results in multiple transcript variants.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	26 kDa
<b>Notes</b>	<p>Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa 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</p>

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	equal amount of total proteins.
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg BCL10 KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome
<b>Protein Pathways</b>	B cell receptor signaling pathway, T cell receptor signaling pathway
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	BCL10 B-cell CLL/lymphoma 10 [ Homo sapiens (human) ]
<b>Official Symbol</b>	BCL10
<b>Synonyms</b>	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;

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Gene ID	8915
mRNA Refseq	NM_003921
Protein Refseq	NP_003912
MIM	603517
UniProt ID	O95999

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