

Recombinant Full Length Human BCL10 Protein, GST-tagged

Cat. No. BCL10-1579HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCL10 full-length ORF (NP_003912.1, 1 a.a. - 233 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	233 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	52.7 kDa

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AA Sequence	MEPTAPSLTE EDLTEVKKDA LENLRVYLCE KIIAERHFDH LRAKKILSRE DTEEISCRTS SRKRAGKLLD YLQENPKGLD TLVESIRREK TQNFLIQKIT DEV LKLRNIK LEHLKGLKCS SCEPFPDGAT NNLSRSNSDE SNFSEKLRS TVMYHPEGES STTPFFSTNS SLNLPVLEVG RTENTIFSST TLPRPGDPGA PPLPPDLQLE EEGTCANSSE MFLPLRSRTV SRQ
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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MIM	603517
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UniProt ID	O95999
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