Recombinant Human B-cell lymphoma/leukemia 10 (BCL10)

Product Code	CSB-MP002608HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95999
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEPTAPSLTE EDLTEVKKDA LENLRVYLCE KIIAERHFDH LRAKKILSRE DTEEISCRTS SRKRAGKLLD YLQENPKGLD TLVESIRREK TQNFLIQKIT DEVLKLRNIK LEHLKGLKCS SCEPFPDGAT NNLSRSNSDE SNFSEKLRAS TVMYHPEGES STTPFFSTNS SLNLPVLEVG RTENTIFSST TLPRPGDPGA PPLPPDLQLE EEGTCANSSE MFLPLRSRTV SRQ
Source	Mammalian cell
Target Names	BCL10
Protein Names	Recommended name: B-cell lymphoma/leukemia 10 Alternative name(s): B-cell CLL/lymphoma 10 Short name= Bcl-10 CARD-containing molecule enhancing NF-kappa-B CARD-like apoptotic protein Short name= hCLAP CED-3/ICH-1 prodomai
Expression Region	1-233
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.