



# Recombinant Rat B-cell lymphoma/leukemia 10 (Bcl10)

<b>Product Code</b>	CSB-EP882568RA-B
<b>Abbreviation</b>	Bcl10
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9QYN5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEAPAPSLTE EDLTEVKKDA LENLRVYLCE KIAERHFDH LRAKKILSRE DTEEISCRTS SRKRAGKLLD YLQENPKGLD TLVESIRREK TQNFLIQKIT DEVLKLRNIK LEHLKGLKCS SCEPFAAGAT NNLRSNSDE SNFSEKQRPS TVIYHPEGES STAPFFSTES SLNLPVLEVG RLENSFFSSA SLPRPGDPGA PPLPDLRLE EGGSCGNSSE MFLPLRSRAL SRQ
<b>Source</b>	E.coli
<b>Target Names</b>	Bcl10
<b>Protein Names</b>	Recommended name: B-cell lymphoma/leukemia 10 Alternative name(s): B-cell CLL/lymphoma 10 Short name= Bcl-10 R-RCD1 Short name= RCD
<b>Expression Region</b>	1-233
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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**Shelf Life**

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