



# Recombinant Mouse Cyclic AMP-responsive element-binding protein 5 (Creb5)

<b>Product Code</b>	CSB-MP815647MO
<b>Abbreviation</b>	Creb5
<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>	Q8K1L0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSMRPVPGSL SLLHLHNRQ RQPMPASMPG TLPNPTMPGS SAVLMPMERQ MSVNSSIMGM QGPNLSNPCA SPQVQPMHSE AKMRLKAALT HHPAAMSNGN MSTIGHMMEM MGSRQDQTPH HHLHSHPHQH QTLPPHPYP HQHQHPAHP HPQPHHQQNH PHHSHSHLH AHPAHHQTSP HPPLHTGNQA QVSPATQQMQ PTQTIQPPQP TGRRRRRVVD EDPDERRRKF LERNAAATR CRQKRKVWVM SLEKKAELT QTNMQLQNEV SMLKNEVAQL KQLLLTHKDC PITAMQKESQ GYLSPESPSP ASPVPACSQQ QVIQHNTITT SSSVSEVVGS STLSQLTTHR TDLNPIL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Creb5
<b>Protein Names</b>	Recommended name: Cyclic AMP-responsive element-binding protein 5 Short name= CREB-5 Short name= cAMP-responsive element-binding protein 5 Alternative name(s): CRE-BPa
<b>Expression Region</b>	1-357
<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>	The product of this gene belongs to the CRE (cAMP response element)-binding protein family. Members of this family contain zinc-finger and bZIP DNA-binding domains. The encoded protein specifically binds to CRE as a homodimer or a heterodimer with c-Jun or CRE-BP1, and functions as a CRE-dependent trans-activator. Alternatively spliced transcript variants encoding different isoforms have been identified.
<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.

### 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.