Recombinant Mouse C-terminal-binding protein 1 (Ctbp1)

Product Code	CSB-EP006135MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O88712
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MGSSHLLNKG LPLGVRPPIM NGPMHPRPLV ALLDGRDCTV EMPILKDVAT VAFCDAQSTQ EIHEKVLNEA VGALMYHTIT LTREDLEKFK ALRIIVRIGS GFDNIDIKSA GDLGIAVCNV PAASVEETAD STLCHILNLY RRTTWLHQAL REGTRVQSVE QIREVASGAA RIRGETLGII GLGRVGQAVA LRAKAFGFNV LFYDPYLSDG IERALGLQRV STLQDLLFHS DCVTLHCGLN EHNHHLINDF TVKQMRQGAF LVNTARGGLV DEKALAQALK EGRIRGAALD VHESEPFSFS QGPLKDAPNL ICTPHAAWYS EQASIEMREE AAREIRRAIT GRIPDSLKNC VNKDHLTAAT HWASMDPAVV HPELNGAAYS RYPPGVVSVA PTGIPAAVEG IVPSAMSLSH GLPPVAHPPH APSPGQTVKP EADRDHTSDQ L
Source	E.coli
Target Names	Ctbp1
Protein Names	Recommended name: C-terminal-binding protein 1 Short name= CtBP1 EC= 1.1.1.-
Expression Region	1-441
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 encodes a protein that binds to the C-terminus of adenovirus E1A proteins. This phosphoprotein is a transcriptional repressor and may play a role during cellular proliferation. This protein and the product of a second closely related gene, CTBP2, can dimerize. Both proteins can also interact with a polycomb group protein complex which participates in regulation of gene expression during development. Alternative splicing of transcripts from this gene results in multiple transcript variants.
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.