Recombinant Human C-terminal-binding protein 2 (CTBP2)

Product Code	CSB-YP006136HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P56545
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MALVDKHKVK RQRLDRICEG IRPQIMNGPL HPRPLVALLD GRDCTVEMPI LKDLATVAFC DAQSTQEIHE KVLNEAVGAM MYHTITLTRE DLEKFKALRV IVRIGSGYDN VDIKAAGELG IAVCNIPSAA VEETADSTIC HILNLYRRNT WLYQALREGT RVQSVEQIRE VASGAARIRG ETLGLIGFGR TGQAVAVRAK AFGFSVIFYD PYLQDGIERS LGVQRVYTLQ DLLYQSDCVS LHCNLNEHNH HLINDFTIKQ MRQGAFLVNA ARGGLVDEKA LAQALKEGRI RGAALDVHES EPFSFAQGPL KDAPNLICTP HTAWYSEQAS LEMREAAATE IRRAITGRIP ESLRNCVNKE FFVTSAPWSV IDQQAIHPEL NGATYRYPPG IVGVAPGGLP AAMEGIIPGG IPVTHNLPTV AHPSQAPSPN QPTKHGDNRE HPNEQ
Source	Yeast
Target Names	CTBP2
Protein Names	Recommended name: C-terminal-binding protein 2 Short name= CtBP2
Expression Region	1-445
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 produces alternative transcripts encoding two distinct proteins. One protein is a transcriptional repressor, while the other isoform is a major component of specialized synapses known as synaptic ribbons. Both proteins contain a NAD+ binding domain similar to NAD+-dependent 2-hydroxyacid dehydrogenases. A portion of the 3 untranslated region was used to map this gene to chromosome 21q21.3; however, it was noted that similar loci elsewhere in the genome are likely. Blast analysis shows that this gene is present on chromosome 10.
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.