



# Recombinant Bovine C-terminal-binding protein 2 (CTBP2)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP609959BO  |
| <b>Abbreviation</b>      | CTBP2   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q0VCQ1  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Bos taurus (Bovine)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MALVDKHKVK RQLDRICEG IRPQIMNGPL HPRPLVALLD GRDCTVEMPI<br>LKDLATVAFC DAQSTQEIHE KVLNEAVGAM MYHTITLTRE DLEKFKALRV<br>IVRIGSGYDN VDIKAAGELG IAVCNIPSAA VEETADSTIC HILNLYRRNT<br>WLYQALREGT RVQSVEQIRE VASGAARIRG ETLGLIGFGR TGQAVAVRAK<br>AFGFSVLFYD PYLQDGTERR LGVQRVYTLQ DLLYQSDCVS LHCNLNEHNNH<br>HLINDFTIKQ MRQGAFLVNA ARGGLVDEKA LAQALKEGRI RGAALDVHES<br>EPFSFAQGPL KDAPNLICTP HTAWYSEQAS LEMREAAATE IRRAITGRIP<br>ESLRNCVNKE FFVTTAPWSV IDQQAIHPEL NGATYRYPPG IVGVAPGGPL<br>AAMEGIIPGG IPVTHNLPTV AHPSQAPSPN QPTKHGDNRE HPNEQ   |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | CTBP2   |
| <b>Protein Names</b>     | Recommended name: C-terminal-binding protein 2 Short name= CtBP2  |
| <b>Expression Region</b> | 1-445   |
| <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 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 <sup>+</sup> binding domain similar to NAD <sup>+</sup> -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. |
| <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

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