



Recombinant Mouse Max-binding protein MNT (Mnt)

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| Product Code | CSB-MP014691MO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O08789 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SIETLLEAA RFLEWQAQQQ QRAREEQERL RLEREREREQ EQKRASNLAR LAHALPVEEP RIEAPPLPLS PPAPPPAPP PLATPAPLTV IPIPVVTNSP QSLPPPPPLP PAAQPLPLAP RQPALVSTPG LSIKEPVTLP TRPQVPTPAP LLPDAKTTVA PTGSPKPLQP LPAPILTIAP HPGVQPQLAP QQPPPPTLGT LKLAPAEAAK SSEQKKRPGG IGTREVHNKL EKNRRAHLKE CFETLKRNI NVDDKTSNL SVLRTALRYI QSLKRKEKEY EHEMERLARE KIATQQRLAE LKHELQWMD VLEIDRVLRQ TGQPEDDQAS TSTASEGEDN VDEEMEGDRA GLGPPKLNHR PQPELLKSAL PTPSTAPAPL PTHPHPHPHP VALSPAHLPV QQQQPPQKT PLPAPPPPPA TPTQTLVPAP AHLVATAGGG STVIAHTATT HASVIQTVNH VLQGGGKHI AHIAPSAPSP AVQLAPATPP IGHITVHPAT LNHVAHLGSQ LPLYQPVAV SQPVAVSHIA HTLSHQVNG TAGLGPPATV MAKPAVGAQV VHPQLVGQT VLNPVTMTM PSFPVSTLKL A |
| Source | Mammalian cell |
| Target Names | Mnt |
| Protein Names | Recommended name: Max-binding protein MNT Alternative name(s): Myc antagonist MNT Protein ROX |
| Expression Region | 2-591 |
| 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 of Mature Protein |
| Target Details | The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. This gene encodes a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper domain (bHLHzip) with which it binds the canonical DNA sequence CANNTG, known as the E box, following heterodimerization with Max proteins. This protein is likely a transcriptional repressor and an antagonist of Myc-dependent transcriptional activation and cell growth. This protein represses transcription by binding to DNA binding proteins at its N-terminal Sin3-interaction domain. |
| 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.