Recombinant Mouse Max-binding protein MNT (Mnt)

Product Code	CSB-YP014691MO
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 RLERERERERQ EQKRASNLAR LAHALPVEEP RIEAPPLPLS PPAPPPAPPP PLATPAPLTV IPIPVVTNSP QSLPPPPPLP PAAQPLPLAP RQPALVSTPG LSIKEPVTLP TRPQVPTPAP LLPDAKTTVA PTGSPKPLQP LPAPILTIAP HPGVQPQLAP QQPPPPTLGT LKLAPAEEAK SSEQKKRPGG IGTREVHNKL EKNRRAHLKE CFETLKRNIP NVDDKKTSNL SVLRTALRYI QSLKRKEKEY EHEMERLARE KIATQQRLAE LKHELSQWMD VLEIDRVLRQ TGQPEDDQAS TSTASEGEDN VDEEMEGDRA GLGPPKLNHR PQPELLKSAL PTPSTAPAPL PTHPHPHPHP VALSPAHLPV QQQQPPQQKT PLPAPPPPPA TPTQTLVPAP AHLVATAGGG STVIAHTATT HASVIQTVNH VLQGPGGKHI AHIAPSAPSP AVQLAPATPP IGHITVHPAT LNHVAHLGSQ LPLYPQPVAV SQPVAVSHIA HTLSHQQVNG TAGLGPPATV MAKPAVGAQV VHHPQLVGQT VLNPVTMVTM PSFPVSTLKL A
Source	Yeast
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.