Recombinant Mouse Methionine aminopeptidase 2 (Metap2)

Product Code	CSB-BP013716MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08663
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	AGVEQAASF GGHLNGDLDP DDREEGTSST AEEAAKKKRR KKKKGKGAVS AVQQELDKES GALVDEVAKQ LESQALEEKE RDDDDEDGDG DADGATGKKK KKKKKKRGPK VQTDPPSVPI CDLYPNGVFP KGQECEYPPT QDGRTAAWRT TSEEKKALDQ ASEEIWNDFR EAAEAHRQVR KYVMSWIKPG MTMIEICEKL EDCSRKLIKE NGLNAGLAFP TGCSLNNCAA HYTPNAGDTT VLQYDDICKI DFGTHISGRI IDCAFTVTFN PKYDILLTAV KDATNTGIKC AGIDVRLCDV GEAIQEVMES YEVEIDGKTY QVKPIRNLNG HSIGPYRIHA GKTVPIVKGG EATRMEEGEV YAIETFGSTG KGVVHDDMEC SHYMKNFDVG HVPIRLPRTK HLLNVINENF GTLAFCRRWL DRLGESKYLM ALKNLCDLGI VDPYPPLCDI KGSYTAQFEH TILLRPTCKE VVSRGDDY
Source	Baculovirus
Target Names	Metap2
Protein Names	Recommended name: Methionine aminopeptidase 2 Short name= MAP 2 Short name= MetAP 2 EC= 3.4.11.18 Alternative name(s): Initiation factor 2-associated 67 kDa glycoprotein Peptidase M 2 p67eIF2 Short name= p67
Expression Region	2-478
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	This gene is a member of the methionyl aminopeptidase family and encodes a protein that binds 2 cobalt or manganese ions. This protein functions both by protecting the alpha subunit of eukaryotic initiation factor 2 from inhibitory phosphorylation and by removing the amino-terminal methionine residue from nascent protein. Increased expression of this gene is associated with various forms of cancer and the anti-cancer drugs fumagillin and ovalicin inhibit the protein by irreversibly binding to its active site. A pseudogene of this gene is located on chromosome 2.
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.