Recombinant Mouse Protein phosphatase 1B (Ppm1b)

Product Code	CSB-BP018490MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P36993
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	GAFLDKPKT EKHNAHGAGN GLRYGLSSMQ GWRVEMEDAH TAVVGIPHGL DNWSFFAVYD GHAGSRVANY CSTHLLEHIT TNEDFRAADK SGSALEPSVE SVKTGIRTGF LKIDEYMRNF SDLRNGMDRS GSTAVGVMVS PTHMYFINCG DSRAVLCRNG QVCFSTQDHK PCNPVEKERI QNAGGSVMIQ RVNGSLAVSR ALGDYDYKCV DGKGPTEQLV SPEPEVYEIV RAEEDEFVVL ACDGIWDVMS NEELCEFVKS RLEVSDDLEN VCNWVVDTCL HKGSRDNMSV VLVCFSNAPK VSEEAVKRDS ELDKHLESRV EEIMQKSGEE GMPDLAHVMR ILSAENIPNL PPGGGLAGKR HVIEAVYSRL NPHKDNDGGA GDLEDSLVAL
Source	Baculovirus
Target Names	Ppm1b
Protein Names	Recommended name: Protein phosphatase 1B EC= 3.1.3.16 Alternative name(s): Protein phosphatase 2C isoform beta Short name= PP2C-beta
Expression Region	2-390
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 protein is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase has been shown to dephosphorylate cyclin-dependent kinases (CDKs), and thus may be involved in cell cycle control. Overexpression of this phosphatase is reported to cause cell-growth arrest or cell death. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional transcript variants have been described, but currently do not represent full-length sequences.
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.