Recombinant Mouse Inositol polyphosphate 1-phosphatase (Inpp1)

Product Code	CSB-BP011729MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49442
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MSDILLELLC VSEKAANIAR ACRQQETLFQ LLIEEKKGAE KNKKFAADFK TLADVLVQEV IKQNMENKFP GLGKKVFGEE SNEFTNDLGE KITVELQSTE EETAELLSKV LNGNMPASEA LAQVVHEDVD LTDPTLESLD ISIPHESLGI WVDPIDSTYQ YIKGSANVKS NQGIFPSGLQ CVTILIGVYD LQTGLPLMGV INQPFASQNL TTLRWKGQCY WGLSYMGTNI HSLQLAISKS DSETQTENSD REFSSPFSAV ISTSEKDTIK AALSRVCGGS VFPAAGAGYK SLCVIQGLAD IYIFSEDTTY KWDSCAAHAI LRAMGGGIVD MKECLERSPD TGLDLPQLLY HVENKGASGV ELWANKGGLI AYRSRNRLDT FLSRLIQNLG PVKTQA
Source	Baculovirus
Target Names	Inpp1
Protein Names	Recommended name: Inositol polyphosphate 1-phosphatase Short name= IPP Short name= IPPase EC= 3.1.3.57
Expression Region	1-396
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 protein
Target Details	This gene encodes the enzyme inositol polyphosphate-1-phosphatase, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 1 of the inositol ring from the polyphosphates inositol 1,4-bisphosphate and inositol 1,3,4-trisphophosphate.
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.