



# Recombinant Human Protein phosphatase 1B (PPM1B)

<b>Product Code</b>	CSB-MP018490HU
<b>Storage</b>	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.
<b>Uniprot No.</b>	O75688
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SIVLVCFSNAPKVSDEAVKKDSELDKHLESRVVEIMEKSGEEGMPDLAHVMRIL SAENI PNLPPGGGLAGKRNVIEAVYSRLNPHRES DGASDEAEESGSQGKLVEALRQM RINHRGNY RQLLEMLTSYRLAKVEGEESPAEP AATATSSNSDAGNPVTMQESHTES ESG LAELDSSN EDAGTKMSGEKI
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PPM1B
<b>Protein Names</b>	Recommended name: Protein phosphatase 1B EC= 3.1.3.16 Alternative name(s): Protein phosphatase 2C isoform beta Short name= PP2C-beta
<b>Expression Region</b>	2-192
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.