



# Recombinant Human Peptidyl-prolyl cis-trans isomerase B (PPIB)

<b>Product Code</b>	CSB-MP018472HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P23284
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	DEKKKGP KVTVKVYFDL RIGDEDVGRV IFGLFGKTVP KTVDNFVALA TGEKGFYKYN SKFHRVIKDF MIQGGDFTRG DGTGGKSIYG ERFPDENFKL KHYGPGWVSM ANAGKDTNGS QFFITTVKTA WLDGKHVVFG KVLEGMEVVR KVESTKTDSR DKPLKDVIIA DCGKIEVEKP FAIAKE
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PPIB
<b>Protein Names</b>	Recommended name: Peptidyl-prolyl cis-trans isomerase B Short name= PPlase B EC= 5.2.1.8 Alternative name(s): CYP-S1 Cyclophilin B Rotamase B S-cyclophilin Short name= SCYLP
<b>Expression Region</b>	34-216
<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>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A-mediated immunosuppression. Variants have been identified in this protein that give rise to recessive forms of osteogenesis imperfecta.
<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.