



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

Product Code	CSB-MP018472HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23284
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	DEKKKGP KVTVKVYFDL RIGDEDVGRV IFGLFGKTVP KTVDNFVALA TGEKGFYKYN SKFHRVIKDF MIQGGDFTRG DGTGGKSIYG ERFPDENFKL KHYGPGWVSM ANAGKDTNGS QFFITTVKTA WLDGKHVVFG KVLEGMEVVR KVESTKTDSR DKPLKDVIIA DCGKIEVEKP FAIAKE
Source	Mammalian cell
Target Names	PPIB
Protein Names	Recommended name: Peptidyl-prolyl cis-trans isomerase B Short name= PPIase B EC= 5.2.1.8 Alternative name(s): CYP-S1 Cyclophilin B Rotamase B S-cyclophilin Short name= SCYLP
Expression Region	34-216
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 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.
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.