Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP1B (FKBP1B)

Product Code	CSB-EP008692HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P68106
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GVEIETISP GDGRTFPKKG QTCVVHYTGM LQNGKKFDSS RDRNKPFKFR IGKQEVIKGF EEGAAQMSLG QRAKLTCTPD VAYGATGHPG VIPPNATLIF DVELLNLE
Source	E.coli
Target Names	FKBP1B
Protein Names	Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP1B Short name= PPIase FKBP1B EC= 5.2.1.8 Alternative name(s): 12.6 kDa FK506-binding protein Short name= 12.6 kDa FKBP Short name= FKBP-12.6 FK506-binding pr
Expression Region	2-108
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 immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle. There are two alternatively spliced transcript variants of this gene encoding different isoforms.
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.