Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP6 (FKBP6)

Product Code	CSB-BP008702HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75344
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGGSALNQGV LEGDDAPGQS LYERLSQRML DISGDRGVLK DVIREGAGDL VAPDASVLVK YSGYLEHMDR PFDSNYFRKT PRLMKLGEDI TLWGMELGLL SMRRGELARF LFKPNYAYGT LGCPPLIPPN TTVLFEIELL DFLDCAESDK FCALSAEQQD QFPLQKVLKV AATEREFGNY LFRQNRFYDA KVRYKRALLL LRRRSAPPEE QHLVEAAKLP VLLNLSFTYL KLDRPTIALC YGEQALIIDQ KNAKALFRCG QACLLLTEYQ KARDFLVRAQ KEQPFNHDIN NELKKLASCY RDYVDKEKEM WHRMFAPCGD GSTAGES
Source	Baculovirus
Target Names	FKBP6
Protein Names	Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP6 Short name= PPIase FKBP6 EC= 5.2.1.8 Alternative name(s): 36 kDa FK506-binding protein Short name= 36 kDa FKBP Short name= FKBP-36 FK506-binding protein 6
Expression Region	1-327
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 protein is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. The protein may have cis-trans prolyl isomerase activity, and binds to clathrin heavy chain and heat shock protein 72. This gene is found to be deleted in Williams syndrome, and the orthologous gene in mouse is essential for fertility and homologous pairing in male meiosis.
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.