



Recombinant Human Peptidyl-prolyl cis-trans isomerase C (PPIC)

Product Code	CSB-EP018473HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P45877
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MGPGPRLLLP LVLCVGLGAL VFSSGAEGFR KRGPSVTAKV FFDVIRIGDKD VGRIVIGLFG KVVPKTVENF VALATGEKGY GYKGSKFHRV IKDFMIQGGD ITTGDGTGGV SIYGETFPDE NFKLKHYGIG WVSMANAGPD TNGSQFFITL TKPTWLDGKH VVFGKVIDGM TVVHSIELQA TDGHDRPLTN CSIINSGKID VKTPFVVEIA DW
Source	E.coli
Target Names	PPIC
Protein Names	Recommended name: Peptidyl-prolyl cis-trans isomerase C Short name= PPIase C EC= 5.2.1.8 Alternative name(s): Cyclophilin C Rotamase C
Expression Region	1-212
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 peptidyl-prolyl cis-trans isomerase (PPIase)) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. Similar to other PPIases, this protein can bind immunosuppressant cyclosporin A.
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.