



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

<b>Product Code</b>	CSB-EP018473HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P45877
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MGPGPRLLLP LVLCVGLGAL VFSSGAEGFR KRGPSVTAKV FFDVRIGDKD VGRIVIGLFG KVVPKTVENF VALATGEKGY GYKGSKFHRV IKDFMIQGGD ITTGDGTGGV SIYGETFPDE NFKLKHYGIG WVSMANAGPD TNGSQFFITL TKPTWLDGKH VVFGKVIDGM TVVHSIELQA TDGHDRPLTN CSIINSGKID VKTPFVVEIA DW
<b>Source</b>	E.coli
<b>Target Names</b>	PPIC
<b>Protein Names</b>	Recommended name: Peptidyl-prolyl cis-trans isomerase C Short name= PPIase C EC= 5.2.1.8 Alternative name(s): Cyclophilin C Rotamase C
<b>Expression Region</b>	1-212
<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 protein
<b>Target Details</b>	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.
<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.