



Recombinant Human Peptidyl-prolyl cis-trans isomerase E (PPIE)

Product Code	CSB-EP890944HU-B
Abbreviation	PPIE
Storage	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.
Uniprot No.	Q9UNP9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MATTKRVLYV GGLAEEVDDK VLHAAFIPFG DITDIQIPLD YETEKHRGFA FVEFELAEDA AAAIDNMNES ELFGRTIRVN LAKPMRIKEG SSRPVWSDDD WLKKFSGKTL EENKEEEGSE PPKAETQEGE PIAKKARSNP QVYMDIKIGN KPAGRIQMLL RSDVVPMTAE NFRCLCTHEK GFGFKGSSFH RIIPQFMCQG GDFTNHNGTG GKSIYGKKFD DENFILKHTG PGLLSMANSNG PNTNGSQFFL TCDKTDWLDG KHVVFGEVTE GLDVLRQIEA QGSKDGGPKKQ KVIIADCGEY V
Source	E.coli
Target Names	PPIE
Protein Names	Recommended name: Peptidyl-prolyl cis-trans isomerase E Short name= PPIase E EC= 5.2.1.8 Alternative name(s): Cyclophilin E Cyclophilin-33 Rotamase E
Expression Region	1-301
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. This protein contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities and also exhibit RNA-binding activity. Three alternatively spliced transcript variants encoding distinct isoforms have been observed.
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

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