

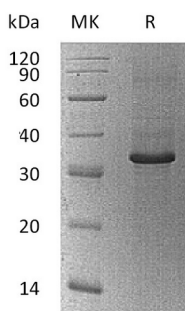
Product Name: Recombinant Human PPIC (N-Trx-6His)
Catalog #: PEH0486



概述 (Summary)

英文全称	Cyclophilin C/CYPC
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Peptidyl-Prolyl Cis-trans Isomerase C is produced by our E.coli expression system and the target gene encoding Lys31-Asp182 is expressed with a Trx, 6His tag at the N-terminus.
Accession #	P45877
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	33.78 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Peptidyl-Prolyl Cis-Trans Isomerase C; PPlase C; Cyclophilin C; Rotamase C; PPIC; CYPC

背景介绍 (References)

Cyclophilin C is an enzyme (EC 5.2.1.8) found in both prokaryotes and eukaryotes that interconverts the cis and trans isomers of peptide bonds with the amino acid proline. Proline has an unusually conformationally restrained peptide bond due to its cyclic structure with its side chain bonded to its secondary amine nitrogen. Most amino acids have a strong energetic preference for the trans peptide bond conformation due to steric hindrance, but prolines unusual structure stabilizes the cis form so that both isomers are populated under biologically relevant conditions. Proteins with prolyl isomerase activity include cyclophilin, FKBP, and parvulin, although larger proteins can also contain prolyl isomerase domains.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.