

Cyclophilin-C Recombinant Protein | PPIC recombinant protein

Recombinant Human Cyclophilin-C

CATALOG # AAA37999	HOST E Coli
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PRODUCT SYNONYMS

Cyclophilin-C; Recombinant Human Cyclophilin-C; Cyclophilin C Human; Cyclophilin-C Human Recombinant; Peptidylprolyl Isomerase C (Cyclophilin C); Cyclophilin C; Rotamase C; EC 5.2.1.8; PPIase C; CYPC; Peptidyl-Prolyl Cis-Trans Isomerase C; Parvulin; PPIC; PPIC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Purity as determined by densitometric image analysis is greater than 95%.
Form/Format	Cyclophilin-C was filtered (0.4 um) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5. Filtered White lyophilized (freeze-dried) powder.
Sequence	MKHHHHH HASFRK RGPSVTAKVF FDVRIGDKDV GRIVIGLFGK VVPKTVENFV ALATGEKGYG YKGSKFHRVI KDFMIQGGDI TTGDGTGGVS IYGETFPDEN FKLKHYIGIW VSMANAGPDT NGSQFFITLT KPTWLDGKHV VFGKVIDGMT VVHSIELQAT DGHDRPLTNC SIINSGKIDV KTPFVVEIAD W.
Sequence Length	212
Solubility	It is recommended to add 200 ul of deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Cyclophilin-C is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Preparation and Storage	Store lyophilized protein at -20 degree C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4 degree C for a limited period of time; it does not show any change after two weeks at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for PPIC recombinant protein	Introduction: Cyclophilin-C belongs to 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. Like other PPIases, the Cyclophilin-C protein can bind immunosuppressant cyclosporin A. Description: Cyclophilin-C Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain (Phe29-Trp212) containing 194 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 21.3kDa.
Product Categories/Family for PPIC recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505991
NCBI GeneID	5480
NCBI Accession #	NP_000934.1
NCBI GenBank Nucleotide #	NM_000943.4
UniProt Accession #	P45877 ; A4LBB5

Molecular Weight	22,763 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase C
NCBI Official Synonym Full Names	peptidylprolyl isomerase C
NCBI Official Symbol	PPIC
NCBI Official Synonym Symbols	CYPC
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase C
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase C
UniProt Gene Name	PPIC
UniProt Synonym Gene Names	CYPC; PPIase C
UniProt Entry Name	PPIC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ppic-recombinant-protein-e-coli/37999>