

## 32-2244: Cyclophilin C Recombinant Protein

**Alternative Name :** 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.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** Cyclophilin-C was filtered (0.4µm) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5.  
**Storage condition :** Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.  
**Amino Acid :** MKHHHHHHASFRKRGPSVTA KVFFDVRIGD KDVGRIVIGL FGKVVPKTVE NFVALATGEK GYGYKGSKFH RVIKDFMIQG GDITGDGTG GVSİYGETFP DENFKLKHYG IGWVSMANAG PDTNGSQFFI TLTKPTWLDG KHVVFVGKVID GMTVVHSIEL QATDGHDRPL TNCSIINSGK IDVKTPFVVE IADW.

### Application Note

It is recommended to add 200µl 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.

