

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 KHVVFGKVID 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.