

32-2243: Cyclophilin B His Recombinant Protein

Alternative Name : Peptidylprolyl isomerase B, PPIase, Rotamase, S-cyclophilin, PPIB, cyclophilin-like protein, peptidyl-prolyl cis-trans isomerase B, Cyclophilin B, SCYLP, CYPB, CYP-S1, MGC2224, MGC14109.

Description

Source : Escherichia Coli. Cyclophilin-B Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Asp34-Glu216) containing 193 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 22kDa. Cyclophilin B (also known as PPIB, peptidylpropyl isomerase B) is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A-mediated immunosuppression.

Product Info

Amount : 10 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : Cyclophilin-B 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 : MKHHHHHHAS DEKKKGPKVT VKVYFDLRIG DEDVGRVIFG LFGKTVPKTV DNFVALATGE
KGFYKNSKF HRVIKDFMIQ GGDFTRGDGT GGKSIYGERF PDENFKLKHY GPGWVSMANA
GKDTNGSQFF ITTVKTAWLD GKHVVFVKVL EGMEVVRKVE STKTDSRDKP LKDVIIADCG
KIEVEKPF AI AKE.

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-B is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

