

## 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, peptidylprolyl 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 KGFGYKNSKF HRVIKDFMIQ GGDFTRGDGT GGKSIYGERF PDENFKLKHY GPGWVSMANA GKDTNGSQFF ITTVKTAWLD GKHVVFVKVL EGMEVVRKVE STKTDSDRDKP LKDVIADCG 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.