## 32-2243: Cyclophilin B His Recombinant Protein


#### Abstract

Alternative Peptidylprolyl isomerase B,PPlase,Rotamase,S-cyclophilin,PPIB,cyclophilin-like protein,peptidyl-prolyl cisName : 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 22 kDa . 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 :

## Purification:

## Content :

## Storage condition :

Amino Acid :

## $10 \mu \mathrm{~g}$

Greater than $95.0 \%$ as determined by SDS-PAGE.
Cyclophilin-B was filtered $(0.4 \mu \mathrm{~m})$ and lyophilized in 20 mM Tris buffer and $50 \mathrm{mM} \mathrm{NaCl}, \mathrm{pH} 7.5$.
Store lyophilized protein at $-20^{\circ} \mathrm{C}$. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at $4^{\circ} \mathrm{C}$ for a limited period of time; it does not show any change after two weeks at $4^{\circ} \mathrm{C}$.
MKHHHHHHAS DEKKKGPKVT VKVYFDLRIG DEDVGRVIFG LFGKTVPKTV DNFVALATGE KGFGYKNSKF HRVIKDFMIQ GGDFTRGDGT GGKSIYGERF PDENFKLKHY GPGWVSMANA GKDTNGSQFF ITTVKTAWLD GKHVVFGKVL EGMEVVRKVE STKTDSRDKP LKDVIIADCG KIEVEKPFAI AKE.

## Application Note

It is recommended to add $200 \mu \mathrm{l}$ of deionized water to prepare a working stock solution of approximately $0.5 \mathrm{mg} / \mathrm{ml}$ 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.


