

Cyclophilin-B Human Recombinant, His Tag

Item Number	rAP-0944
Synonyms	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	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.
Uniprot Accesion Number	P23284
Amino Acid Sequence	MKHHHHHHAS DEKKKGPKVT VKVYFDLRIG DEDVGRVIFG LFGKTVPKTV DNFVALATGE KFGYKNSKF HRVIKDFMIQ GGDFTRGDGT GGKSIYGERF PDENFKLKHY GPGWVSMANA GKDTNGSQFF ITTVKTAWLD GKHVVFQKVL EGMEVVRKVE STKTDSRDKP LKDVIADCG KIEVEKPFAL AKE.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Cyclophilin-B was filtered (0.4 µm) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	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 be
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**