

Product datasheet for **TP303180M**

Cyclophilin B (PPIB) (NM_000942) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peptidylprolyl isomerase B (cyclophilin B) (PPIB), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203180 protein sequence Red =Cloning site Green =Tags(s)
	 MLRLSERNMKVLAAALIAGSVFFLLLPGPSAADEKKGPKVTVKVYFDLRIGDEDVGRVIFGLFGKTVP KTVDNFVALATGEKGFYKNSKFHRVIKDFMIQGGDFTRGDGTGGKSIYGERFPDENFKLKHYPGWVSM ANAGKDTNGSQFFITTVKTAWLDGKHVVFVKVLEGMVVRKVESTKTDSRDKPLKDVIIADCGKIEVEKP FAIAKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000933
Locus ID:	5479
UniProt ID:	P23284



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RefSeq Size: 1045

Cytogenetics: 15q22.31

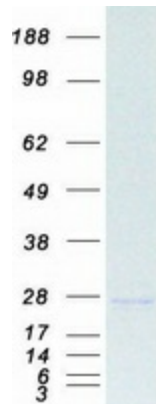
RefSeq ORF: 648

Synonyms: B; CYP-S1; CYPB; HEL-S-39; OI9; SCYLP

Summary: The protein encoded by this gene 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. Variants have been identified in this protein that give rise to recessive forms of osteogenesis imperfecta. [provided by RefSeq, Oct 2009]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified PPIB protein (Cat# [TP303180]). The protein was produced from HEK293T cells transfected with PPIB cDNA clone (Cat# [RC203180]) using MegaTran 2.0 (Cat# [TT210002]).