

Product datasheet for **TP303180L**

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), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203180 protein sequence
Red=Cloning site **Green**=Tags(s)

MLRLSERNMKVLLAAALIAGSVFFLLLPGPSAADEKKGPKVTVKVYFDLRIGDEDVGRVIFGLFGKTVP
KTVDNFVALATGEKGFYKNSKFHRVIKDFMIQGGDFTRGDGTGGKSIYGERFPDENFKLKHYPGWVSM
ANAGKDTNGSQFFITTVKTAWLDGKHVVFQKVLGMEVVRKVESTKTDSRDKPLKDVIIADCGKIEVEKP
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

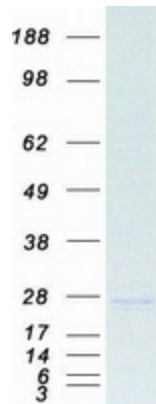
RefSeq ORF: 648

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]).