

Recombinant Human PPIB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPIB-2244H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPIB MS Standard C13 and N15-labeled recombinant protein (NP_000933) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	23.7 kDa
AA Sequence	MLRLSERNMKVLLAAALIAGSVFFLLLPGPSAADEKKKGPKVTVKVYFDLRIGDEDVG RVIFGLFGKTVPKTVDNFVALATGEKGFGYKNSKFHRVIKDFMIQGGDFTRGDGTGG KSIYGERFPDENFKLKHYGPGWVSMANAGKDTNGSQFFITTVKTAWLDGKHVVF GK VLEGMEVVRKVESTKTDSRDKPLKDVIIADCGKIEVEKPF AIAKETRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

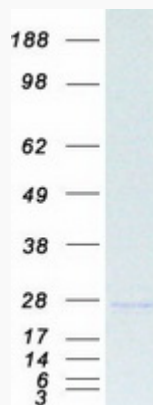
GENE INFORMATION

Gene Name	PPIB peptidylprolyl isomerase B [Homo sapiens (human)]
Official Symbol	PPIB
Synonyms	PPIB; peptidylprolyl isomerase B (cyclophilin B); peptidyl-prolyl cis-trans isomerase B; CYPB; OI9; PPIase B; rotamase B; S-cyclophilin; cyclophilin-like protein; SCYLP; CYP-S1; MGC2224; MGC14109;
Gene ID	5479
mRNA Refseq	NM_000942
Protein Refseq	NP_000933
MIM	123841
UniProt ID	P23284

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SDS-PAGE

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