

Recombinant Full Length Human PPIB, Untagged

Cat. No. PPIB-777H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PPIB protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-216 a.a.
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.
Form	Lyophilized
Molecular Mass	20.7 kDa
AA Sequence	MLRLSERNMKVVLLAAALIAGSVFFLLLPGPSAADEKKGPKVTVKVYFDLRIGDEDVGRVIFGLFGKTVPKTVDNFVALATGEKGFGYKNSKFHRVIKDFMIQGGDFTRGDGTGGKSIYGERFPDENFKLKHYPGWVSMANAGKDTNGSQFFITTVKTAWLDGKHVVFVKVLEGMEEVVRKVESTKTDSRDKPLKDVIIADCGKIEVEKPFIAIAKE
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	PPIB peptidylprolyl isomerase B (cyclophilin 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

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Protein Refseq	NP_000933
MIM	123841
UniProt ID	P23284

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