

Recombinant Human PPID Protein, His-tagged

Cat. No. PPID-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPID fused with His tag both at N and C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A.
Form	Supplied as a 0.2 μM filtered solution of PBS, pH 7.4
Molecular Mass	43.9kD
AA Sequence	MGSSHHHHHHSSGLVPRGSHMSHPSPQAKPSNPSNPRVFFDVDIGGERVGRIVLE LFADIVPKTAENFRALCTGEKGIGHTTGKPLHFKGCPFHRIKKFMIQGGDFSNQNGT GGESIYGEKFEDEFHYKHGRELLSMANAGRNTNGSQFFITTVPTPHLDGKHVVF GQVIKGIGVARILENVEVKGEKPAKLCVIAECGELKEGDDGGIFPKDGS GD SHPDPF EDADIDLKDVDKILLITEDLKNIGNTFFK
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity >95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name PPID peptidylprolyl isomerase D [Homo sapiens]

Official Symbol PPID

Synonyms PPID; peptidylprolyl isomerase D; peptidylprolyl isomerase D (cyclophilin D); peptidyl-prolyl cis-trans isomerase D; cyclophilin 40; CYP 40; PPlase D; rotamase D; cyclophilin D; cyclophilin-40; cyclophilin-related protein; 40 kDa peptidyl-prolyl cis-trans isomerase D; CYPD; CYP-40; MGC33096;

Gene ID 5481

mRNA Refseq NM_005038

Protein Refseq NP_005029

MIM 601753

UniProt ID Q08752

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