

Recombinant Human PPID protein, His-tagged

Cat. No. PPID-3760H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPID protein(57-370 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	57-370 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GIGHTTGKPLHFKGCPFHRIKKFMIQGGDFSNQNGTGGESIYGEKFEDENFHYKHD REGLLSMANAGRNTNGSQFFITTVPTPHLDGKHVVFGQVIKIGIGVARILENVEVKGE KPAKLCVIAECGELKEGDDGGIFPKDGS GDSHPDFPEDADIDLKDVDKILLITEDLKNI GNTFFKSQNWEMAIKKYAEVLRVYDSSKAVIETADRAKLQPIALSCVLNIGACKLKMS NWQGAIDSCLEALELDPSNTKALYRRAQGWQGLKEYDQALADLKKAQGIAPEDKAI QAELLKVKQKIKAKDKKEKAVYAKMFA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

PPID [peptidylprolyl isomerase D \[Homo sapiens \]](#)

Official Symbol

[PPID](#)

Synonyms

PPID; peptidylprolyl isomerase D; peptidylprolyl isomerase D (cyclophilin D); peptidylprolyl cis-trans isomerase D; cyclophilin 40; CYP 40; PPIase 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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