

Recombinant Human PPIL1, His-tagged

Cat. No. PPIL1-29971TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human PPIL1, fused to His tag at C terminus; 174 amino acids, 19.3 kDa.
Species	Human
Source	E.coli
Description	This gene is a member of the cyclophilin family of peptidylprolyl isomerases (PPIases). The cyclophilins are a highly conserved, ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. Based on similarity to other PPIases, this protein could accelerate the folding of proteins and might catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids	MAAIPDSDWQPPNVYLETSMGIIVLELYWKHAPKTCKNFA ELARRGYNGTKFHRRII KDFMIQGGDPTGTGRGGASIYGK QFEDELHPDLKFTGAGILAMANAGPDTNGSQFF VTLAPTQ WLDGKHTIFGRVCQGIGMVNRVGMVETNSQDRPVDDVKII KAYPSGLEH HHHHH
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Full Length	Full L.
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GENE INFORMATION

Gene Name	PPIL1 peptidylprolyl isomerase (cyclophilin)-like 1 [Homo sapiens]
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Official Symbol	PPIL1
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Synonyms	PPIL1; peptidylprolyl isomerase (cyclophilin)-like 1; peptidyl-prolyl cis-trans isomerase-like 1; CYPL1;
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Gene ID	51645
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mRNA Refseq	NM_016059
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Protein Refseq	NP_057143
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MIM	601301
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Uniprot ID	Q9Y3C6
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Chromosome Location	6p21.1
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Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem;
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Function

isomerase activity; peptidyl-prolyl cis-trans isomerase activity;

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