

Recombinant Human PPIL3, His-tagged

Cat. No. PPIL3-30678TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPIL3 with N terminal His tag; 181 amino acids with a predicted MWt 20.3 kDa including tag.
Species	Human
Source	E.coli
ProteinLength	161 amino acids
Description	This gene encodes a member of the cyclophilin family. Cyclophilins catalyze the cis-trans isomerization of peptidylprolyl imide bonds in oligopeptides. They have been proposed to act either as catalysts or as molecular chaperones in protein-folding events. Alternative splicing results in multiple transcript variants.
Conjugation	HIS
Molecular Weight	20.300kDa inclusive of tags
Tissue specificity	Ubiquitous. Detected at low levels.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 0.58% Sodium chloride, 20% Glycerol, 0.02%

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	DTT
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMSVTLHTDVGDIKIEVFCER TPKTCENFLALCASNY YNGCIFHRNIKGFMVQTGDPTGTG RGGNSIWGKKFEDEYSEYLNHNVRGVVSMAN NGPNTNGSQ FFITYGKQPHLDMKYTVFGKVIDGLETLDELEKLPVNEKT YRPLNDV HIKDITIHANPFAQ
Sequence Similarities	Belongs to the cyclophilin-type PPIase family. PPIL3 subfamily. Contains 1 PPIase cyclophilin-type domain.

GENE INFORMATION

Gene Name	PPIL3 peptidylprolyl isomerase (cyclophilin)-like 3 [Homo sapiens]
Official Symbol	PPIL3
Synonyms	PPIL3; peptidylprolyl isomerase (cyclophilin)-like 3; peptidyl-prolyl cis-trans isomerase-like 3; Cyclophilin J; CyPJ;
Gene ID	53938
mRNA Refseq	NM_032472
Protein Refseq	NP_115861
Uniprot ID	Q9H2H8
Chromosome	2q33.1

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Location**Function**

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

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