

Recombinant Human PPIL4, His-tagged

Cat. No. PPIL4-29973TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPIL4. Predicted mwt: 59.4 kDa;
Species	Human
Source	E.coli
ProteinLength	512 amino acids
Description	This gene is a member of the cyclophilin family of peptidylprolyl isomerases. The cyclophilins are a highly conserved family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions.
Conjugation	HIS
Molecular Weight	59.400kDa inclusive of tags
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMAVLLETTLGDVVIDLYTEERPRACLNFLKLCKIKYY
 NYCLIHNVQRDFIIQTGDPTGTGRGGESIFGQLYGDQASFFAEKVPRIKHKKKGTVS
 MVNNGSDQHGSQFLITTGENLDYLDGVHTVFGEVTEGMDIHKINETFVDKDFVPYQ
 DIRINHTVILDDPFDDPPDLLIPDRSPEPTREQLDSGRIGADEEIDDFKGRSAEEVEEI
 KAEKEAKTQAILLEMVGDLPDADIKPPENVLFVCKLNPVTTDEDLEIIFSRFGPIRSCE
 VIRDWKTGESLCYAFIEFEKEEDCEKAFFKMDNVLIDDRRIHVDFSQSVAKVKWKGK
 GGKYTKSDFKEYEKEQDKPPNLVLKDKVKPKQDTKYDLILDEQAEDSKSSHSTSK
 KHKKKTHHCSEEKEDEDYMPIKNTNQDIYREMFGHYEEEEESCWEKQKSEKRDRT
 QNRSRSRSRERDGHYSNSHKSKYQTDLYERERSKKRDRSRSPKKS KDKEKSKYR

GENE INFORMATION

Gene Name	PPIL4 peptidylprolyl isomerase (cyclophilin)-like 4 [Homo sapiens]
Official Symbol	PPIL4
Synonyms	PPIL4; peptidylprolyl isomerase (cyclophilin)-like 4; peptidyl-prolyl cis-trans isomerase-like 4;
Gene ID	85313
mRNA Refseq	NM_139126
Protein Refseq	NP_624311
MIM	607609
Uniprot ID	Q8WUA2
Chromosome Location	6q25.1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

RNA binding; isomerase activity; nucleotide binding; peptidyl-prolyl cis-trans isomerase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA