

Human Recombinant PPIL3

CATALOG #:	6326-100	100 µg
ALTERNATE NAMES:	Peptidyl-prolyl cis-trans isomerase-like 3 isoform PPIL3b, CYPJ.	
SOURCE:	E.Coli	
PURITY:	> 90% by SDS - PAGE	
MOL. WEIGHT:	20.3 kDa (181 aa – 1-161 aa + His Tag (NT)).	
FORMULATION:	1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1 M NaCl, and 1 mM DTT.	

STORAGE CONDITIONS:

Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION:

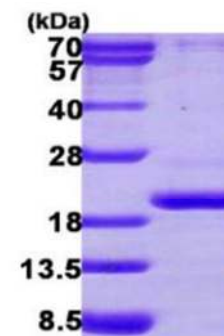
Peptidyl-prolyl cis-trans isomerase-like 3 in humans is encoded by the PPIL3 gene. This gene encodes a member of the cyclophilin family. Cyclophilins catalyze the cis-trans isomerization of peptidylprolyl imide bonds in oligopeptides. They have been proposed to act either as catalysts or as molecular chaperones in protein-folding events.

AMINO ACID SEQUENCE:

MGSSHHHHHH SSGLVPRGSH MSVTLHTDVG DIKIEVFCER TPKTCENFLA
LCASNYYNGC IFHRNIKGFV VQTGDPTGTG RGGNSIWGKK FEDEYSEYLN
HNVRGVVSMA NNGPNTNGSQ FFITYGKQPH LDMKYTVFGK VIDGLETLDE LEKLPVNEKT
YRPLNDVHIK DITIHANPFA Q

BIOLOGICAL ACTIVITY:

Specific activity is > 280 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1 µmole of suc-AAFP-pNA per minute at 25°C in Tris-HCl pH 8.0 using chymotrypsin.



15% SDS-PAGE (3µg)

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RELATED PRODUCTS:

- Cyclosporine A (Cat. No. 1522-100, 1G)
- Human Recombinant Cyclophilin B (Cat. No. 6310-100)
- Human Recombinant Cyclophilin A (Cat. No. 6311-100)
- Human Recombinant Cyclophilin D (Cat. No. 6312-100)
- Human Recombinant Cyclophilin H (Cat. No. 6313-100)
- Human Recombinant Cyclophilin E (Cat. No. 6314-100)
- Human Recombinant Cyclophilin F (Cat. No. 6315-100)
- Human Recombinant PPIL1 (Cat. No. 6317-100)
- Human Recombinant PPIL2 (Cat. No. 6325-100)
- Human Recombinant PPIL4 (Cat. No. 6327-50)

FOR RESEARCH USE ONLY! Not to be used in humans.