

**PPIL3, 1-161aa, Human, His tag, E.coli**

**Cat.NO.: TP03492**

3th Edition

**Synonyms:**Peptidyl-prolyl cis-trans isomerase-like 3 isoform PPIL3b, CYPJ.

**Description:**PPIL3, also known as peptidyl-prolyl cis-trans isomerase-like 3, is a member of the cyclophilin family that catalyzes the cis-trans isomerization of peptidylprolyl imide bonds in oligopeptides. It has been proposed to act either as catalysts or as molecular chaperones in protein-folding events. Recombinant human PPIL3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

**Molecular Weight:**20.3 kDa (181aa), confirmed by MALDI-TOF.

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSVTLHTDVGDIKIEVFCERTPKTCENFLALCASNYNGCIFHRNIKGFMVQTGDP  
TGTGRGGNSIWGKKFEDEYSEYLNKHNVRGVVSMANNGPNTNGSQFFITYGKQPHLDMKYTVFGKVIDGLETLDEL  
EKLPVNEKTYRPLNDVHIKDITIHANPFAQ

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**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.