

# Human PPIL4 Recombinant Protein



RPPB2156

---

## Product Information    Protein Information

**Product SKU:**

RPPB2156

**Accession:**

Q8WUA2

**Host:**

Escherichia Coli.

**Protein description:**

PPIL4 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 512 amino acids (1-492 a.a.) and having a molecular mass of 59.4kDa. The PPIL4 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Peptidyl-prolyl cis-trans isomerase-like 4, PPIase, Cyclophilin-like protein PPIL4, Rotamase PPIL4, PPIL4, HDCME13P.

**Formulation:**

The PPIL solution (0.5 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MAVLLETTLG DVVIDLYTEE RPRACLNFLK LCKIKYNYC LIHNVQRDFI  
IQTGDPTGTG RGGESIFGQL YGDQASFFEA EKVPRIKHKK KGTVSMVNNG SDQHGSQFLI TTGENLDYLD  
GVHTVFG EVT EGMDIHKIN ETFVDKDFVP YQDIRINHTV ILDDPFDDPP DLLIPDRSPE PTREQLDSGR  
IGADEEIDDF KGRSAEEVEE IKAKEAKTQ AILLEMVGD L PDADIKPPEN VLFVCKLNPV TTDELEIIF  
SRFGPIRSCE VIRDWKTGES LCYAFIEFEK EEDCEKAFFK MDNVLIDRR IHVDFSQSV A KVKWKGGKGGK  
YTKSDFKEYE KEQDKPPNLV LKDKVKPKQD TKYDLILDEQ AEDSKSSHSH TSKKHKKKTH HCSEEKED  
YMPIKNTNQD IYREMGFGHY EEEESCWEKQ KSEKRDR TQN RSRSRERD GHYSNSHKSK YQTDLYERER  
SKKRDRSRSP KSKDKKESK YR.

**Biological Activity:**

Specific activity is > 190 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.