

**PPIL4, 1-492aa, Human, His tag, E.coli**

**Cat.NO.: TP03493**

3th Edition

**Synonyms:**Peptidyl-prolyl cis-trans isomerase-like 4, HDCME13P, Rotamase PPIL4, Cyclophilin-like protein PPIL4.

**Description:**PPIL4, also known as HDCME13P, is evolutionarily conserved member of the cyclophilin-type PPIase family of proteins. Ubiquitously expressed with predominant expression in kidney, PPIL4 localizes to the nucleus and contains one PPIase cyclophilin-type domain, a lysine-rich domain, a pair of bipartite nuclear targeting sequences and one RRM (RNA recognition motif) domain.

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

**Molecular Weight:**59.4 kDa (512aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMAVLETTLGDVVIDLYTEERPRACLNFLKLCIKIKYNYCLIHNVQRDFIIQTGDPT  
GTGRGGESIFGQLYGDQASFFAEKVPRIKHKKKGTVSMVNNGSDQHGSQFLITTGENLDYLDGVHTVFGVTEG  
MDIIKKINETFVDKDFVPYQDIRINHVTILDDPFDDPPDLLIPDRSPEPTREQLDSGRIGADEEIDDFKGRSAEEVEEIK  
AEKEAKTQAILLEMVGDLPDADIKPPENLVFVCKLNPVTTDEDLEIIFSRFGPIRSCEVIRDWKTGESLCYAFIEFEKEE  
DCEKAFFKMDNVLIDDRRIHVDFSQSVAKVKWKGKGGKYTKSDFKEYEKEQDKPPNLVLKDKVKPKQDTKYDLILD  
EQAEDSKSSHSTSKKHKKKTHHCSEEKEDEDYMPIKNTNQDIYREMGFGHYEEEEESCWEKQKSEKRDRDRTQNR  
RSRSRERDGHYSNSHKSQYQTDLYERERSKKRDRSRSPKSKDKEKSKYR

**Purity:**> 95% by HPLC

**Concentration:**0.5 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.