

**Human recombinant protein PPIL4**  
**Human Recombinant PPIL4**  
**Catalog # PBV10565r****Specification**

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**Human recombinant protein PPIL4 - Product info**

|                   |                        |
|-------------------|------------------------|
| Primary Accession | <a href="#">Q8WUA2</a> |
| Concentration     | 0.5                    |
| Calculated MW     | 59.4 kDa KDa           |

**Human recombinant protein PPIL4 - Additional Info**

|             |       |
|-------------|-------|
| Gene ID     | 85313 |
| Gene Symbol | PPIL4 |

**Other Names**

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

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Source    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source         | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Assay&Purity   | SDS-PAGE; ≥85%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Assay2&Purity2 | N/A;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Recombinant    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sequence       | MGSSHHHHHH SSGLVPRGSH MAVLLETTLG<br>DVVIDLYTEE RPRACLNFLK LCKIKYYNYC<br>LIHNVQRDFI IQTGDPTGTG RGGESIFGQL<br>YGDQASFFEA EKVPRIKHKK KGTVSMVNNG<br>SDQHGSQFLI TTGENLDYLD GVHTVFGEVT<br>EGMDIHKIN ETFVDKDFVP YQDIRINHTV<br>ILDDPFDDPP DLLIPDRSPE PTREQLDSGR<br>IGADEEIDDF KGRSAEEVEE IKAKEAKTQ<br>AILLEMVGDL PDADIKPPEN VLFVCKLNPV<br>TTDEDLEIIF SRFGPIRSCE VIRDWKTGES<br>LCYAFIEFEK EEDCEKAFFK MDNVLIDRR<br>IHVDFSQSVA KVKWKGGKGGK YTKSDFKEYE<br>KEQDKPPNLV LKDKVKPKQD TKYDLILDEQ<br>AEDSKSSSHS TSKKHKKKTH HCSEEKEDD<br>YMPIKNTNQD IYREMGFGHY EEEESCWEKQ<br>KSEKRDRTQN RSRSRSRERD GHYSNSHKSK<br>YQTDLYERER SKKRDRSRSP KSKDKEKSK<br>YR |

**Format**

Liquid

**Storage**

-80°C; 0.5 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT and 0.1 M NaCl.

## **Human recombinant protein PPIL4 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Human recombinant protein PPIL4 - Images**

## **Human recombinant protein PPIL4 - Background**

PPIL4 is an evolutionarily conserved member of the cyclophilin-type PPlase family of proteins. Ubiquitously expressed with predominant expression in kidney, PPIL4 localizes to the nucleus and contains one PPlase cyclophilin-type domain, a lysine-rich domain, a pair of bipartite nuclear targeting sequences and one RRM (RNA recognition motif) domain. The presence of the RRM domain along with nuclear targeting sequences suggests that PPIL4 may be involved in transcriptional regulation.

## **Human recombinant protein PPIL4 - References**

Zeng L.,et al.Cytogenet. Cell Genet. 95:43-47(2001).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Mungall A.J.,et al.Nature 425:805-811(2003).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.