

## Product datasheet for **TP304570L**

### PPWD1 (NM\_015342) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peptidylprolyl isomerase domain and WD repeat containing 1 (PPWD1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204570 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAAESGSDFFQRRRRRRDPEEPEKTELSERELAVAVAVSQENDEENEERWVGPLPVEATLAKKRKVFLEFE  
RVYLDNLPSASMYERSYMHRDVITHVVCTKTDFIITASHDGHVKFWKKIEEGIEFVKHFRSHLGVIESIA  
VSSEGALFCSVGDDKAMKVFVDFVDFMINMLKLGYPGQCEWIYCPGDAISSVAASEKSTGKIFIYDGRG  
DNQPLHIFDKLHTSPLTQIRLNPVYKAVSSDKSGMIEYWTGPPHEYKFPKNNVWEYKTDTDLYEFAKCK  
AYPTSVCFSPDGKKIATIGSDRKVRIFRFVTGKLMRVFDESLSMFTELQQMRQQLPDMFEGRRMAVEREL  
EKVDVAVRLINIVFDETGHFVLYGTMLGIKVINVETNRCVRILGKQENIRVMQLALFQGIAKKHRAATTIE  
MKASENPVLQNIQADPTIVCTSFKKNRFYMFMTKREPEDTKSADSDRDVFNEKPSKEEVMAATQAEGPKRV  
SDSAIIHTSMGDIHTKLPVECPKTVENFCVHSRNGYNGHTFHRIIKGFMIIQTGDPTGTGMGGESIWGG  
EFEDEFHSTLRHDPYTLSMANAGSNTNGSQFFITVWPTPWLDNKHTVFGRVTKGMEVVQRISNVKVNPK  
TDPYEDVSIINITVK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

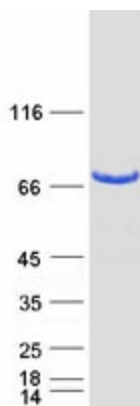
Tag:	C-Myc/DDK
Predicted MW:	73.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_056157</a>
<b>Locus ID:</b>	23398
<b>UniProt ID:</b>	<a href="#">Q96BP3</a> , <a href="#">A0A384MTS1</a>
<b>RefSeq Size:</b>	2186
<b>Cytogenetics:</b>	5q12.3
<b>RefSeq ORF:</b>	1938
<b>Summary:</b>	PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding (PubMed:20676357). May be involved in pre-mRNA splicing (PubMed:11991638).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PPWD1 protein (Cat# [TP304570]). The protein was produced from HEK293T cells transfected with PPWD1 cDNA clone (Cat# [RC204570]) using MegaTran 2.0 (Cat# [TT210002]).