

Product datasheet for **TP304570M**

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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204570 protein sequence Red =Cloning site Green =Tags(s)

MAAESGSDFFQRRRRRRDPEEPEKTELSERELAVAVAVSQENDEENEERWVGPLPVEATLAKKRKVFLEFE
RVYLDNLPSASMYERSYMHRDVITHVVCTKTDFIITASHDGHVKFWKKIEEGIEFVKHFRSHLGVIESIA
VSSEGALFCSVGDDKAMKVFVDFVDFMINMLKLGYPGQCEWIYCPGDAISSVAASEKSTGKIFIYDGRG
DNQPLHIFDKLHTSPLTQIRLNPVYKAVVSSDKSGMIEYWTGPPHEYKFPKNNVWEYKTDLDLYEFAKCK
AYPTSVCFSPDGKKIATIGSDRKVRIFRFVTGKLMRVFDESLSMFTELQQMRQQLPDMFEGRRMAVEREL
EKVDVAVRLINIVFDETGHFVLYGTMLGIKVINVETNRCVRILGKQENIRVMQLALFQGIAKKHRAATTIE
MKASENPVLQNIQADPTIVCTSFKKNRFYMFMTKREPEDTKSADSDRDVFNEKPSKEEVMAATQAEGPKRV
SDSAIHTSMGDIHTKLPVECPKTVENFCVHSRNGYNGHTFHRIIKGFMIIQTGDPTGTGMGGESIWGG
EFEDEFHSTLRHDPYTLSMANAGSNTNGSQFFITVWPTPWLDNKHTVFGRVTKGMEVQRISNVKVNPK
TDPYEDVSIINITVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

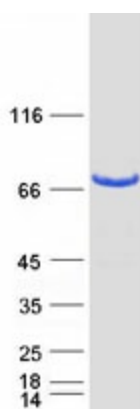
Tag:	C-Myc/DDK
Predicted MW:	73.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_056157
Locus ID:	23398
UniProt ID:	Q96BP3 , A0A384MTS1
RefSeq Size:	2186
Cytogenetics:	5q12.3
RefSeq ORF:	1938
Summary:	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]).