

## Product datasheet for PH304570

### PPWD1 (NM\_015342) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PPWD1 MS Standard C13 and N15-labeled recombinant protein (NP_056157)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204570
Predicted MW:	73.6 kDa
Protein Sequence:	>RC204570 protein sequence Red=Cloning site Green=Tags(s)

MAESGSDFQRRRRRRDPEEPEKTELSERELAVAVAVSQENDEENEERWVGPLPVEATLAKKRKVFLEFE  
RVYLDNLPASMYERSYMHRDVIITHVVCTKDFIITASHDGHVKFWKKIEEGIEFVKHFRSHLGVIESIA  
VSSEGALFCSVGDDKAMKVFDDVNFDMINMLKLGYPGQCEWIYCPGDAISSVAASEKSTGKIFIYDGRG  
DNQPLHIFDKLHTSPLTQIRLNPVYKAVVSSDKSGMIEYWTGPPHEYKFPKNVNWEYKTDLDL YEF AKCK  
AYPTSVCFSPDGKKIATIGSDRVRIFRFVTGKLMRVFDESLSMFTELQQMRQQLPDMEFGRRMAVEREL  
EKVDAVRLINIVFDETGHFVLYGTMLGIKVINVETNRCVRILGKQENIRVMQLALFQGI AKKHRAATTIE  
MKASENPVLQNIQADPTIVCTSFKKNRFYMFTKREPEDTKSADSDRDVFNEKPSKEEVMAATQAEGPKRV  
SDSAIIHTSMGDIHTKLPVECPKTVENFCVHSRNGYYNGHTFHRIIKGFMIQTGDPTGTGMGGESIWGG  
EFEDEFHSTLRHDRPYTLSMANAGSNTNGSQFFITVVPTPWLDNKHTVFGRVTKGMEVVQRISNVKYNPK  
TDKPYEDVSIINITVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

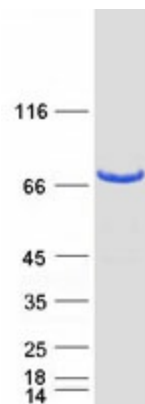
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_056157</a>
RefSeq Size:	2186



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RefSeq ORF:	1938
Locus ID:	23398
UniProt ID:	<a href="#">Q96BP3</a> , <a href="#">A0A384MTS1</a>
Cytogenetics:	5q12.3
Summary:	PPlase 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]).