

## Product datasheet for PH323118

### WWP2 (NM\_007014) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	WWP2 MS Standard C13 and N15-labeled recombinant protein (NP_008945)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223118
Predicted MW:	98.7 kDa
Protein Sequence:	>RC223118 representing NM_007014 Red=Cloning site Green=Tags(s)

MASASSRAGVALPFEKSQLTLKVVSAKPKVHNRQPRINSYVEVAVDGLPSETKKTGKRIGSSELLWNEI  
IILNVTAQSHLDLKVWSCHTLRNELLGTASVNL SNVLKNNGGKMEMNQLTLNLQTENKGSVVS GGELTIF  
LDGPTVDLGNVPNGSALTDGSQLPSRDSSGTAVAPENRHQPSTNCFGGRSRTHRHSASARTTPATGEQ  
SPGARSRHRQPVKNSGHSGLANGTVNDEPTTADPEEPSVVGVTSPPAAPLSVTPNPNTTSLPAPATPAE  
GEEPSTSGTQQLPAAAQAPDALPAGWEQREL PNGRVVYVDHNTKTTTWERPLPPGWEKRTDPRGRFYVD  
HNTRTTTWRPTAEYVRNYEQWQSQRNQLQGAMQHF SQRFLYQSSASTDHDPLGPLPPGWEKRDNGRV  
YYVNHNRTRTQWEDPRTQGMIEPALPPGWEMKYTSEGVRYFVDHNRTRTTFKDPRPGFESGTKQGPSGA  
YDRSFRWKYHQFRFLCHSNALPSHVKISVSRQTLFEDSFQQIMNMKPYDLRRRLYIIMRGEEGLDYGGIA  
REWFLLSHEVLNPMYCLFEYAGKNYCLQINPASSINPDHLTYFRF IGRFIAMALYHGKFIDTGF TLPF  
YKRLNKRPTLKDLESIDPEFYNSIVWIKENNL EECGLELYFIQDMEILGKVTTHELKEGGESIRVTEEN  
KEEYIMLLTDWRFTRGV EEQTKAFLDGFNEVAPLEWLR YFDEKELEMLCGMQEIDMSDWQKSTIYRHYT  
KNSKQIQWFQVVKEMDNEKRIRLLQFVTGTCRLPVGGFAELIGSNGPQKFCIDKVGKETWLP RSHTCFN  
RLDLPPYKSYEQLREKLLYAI EETEGFGQE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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.



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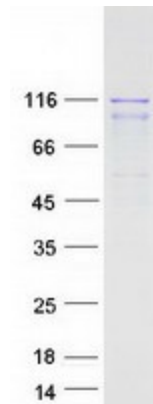
RefSeq:	<a href="#">NP_008945</a>
RefSeq Size:	4527
RefSeq ORF:	2610
Synonyms:	AIP2; WWp2-like
Locus ID:	11060
UniProt ID:	<a href="#">O00308</a> , <a href="#">A0A024R711</a>
Cytogenetics:	16q22.1

**Summary:** This gene encodes a member of the Nedd4 family of E3 ligases, which play an important role in protein ubiquitination. The encoded protein contains four WW domains and may play a role in multiple processes including chondrogenesis and the regulation of oncogenic signaling pathways via interactions with Smad proteins and the tumor suppressor PTEN. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 10. [provided by RefSeq, Jul 2012]

**Protein Families:** Druggable Genome

**Protein Pathways:** Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified WWP2 protein (Cat# [TP323118]). The protein was produced from HEK293T cells transfected with WWP2 cDNA clone (Cat# [RC223118]) using MegaTran 2.0 (Cat# [TT210002]).