

## Product datasheet for PH300303

### WDR1 (NM\_017491) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	WDR1 MS Standard C13 and N15-labeled recombinant protein (NP_059830)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200303
Predicted MW:	66.2 kDa
Protein Sequence:	>RC200303 protein sequence Red=Cloning site Green=Tags(s)

MPYEIKKVFASLPQVERGVSKIIGGDPKGNFLYTNGKCVILRNIDNPALADIYTEHAHQVVAKYAPSG  
FYIASGDVSGKLRWDTTQKEHLLKYEYQPFAGKIKDIAWTEDSKRIAVVGEKREKFGAVFLWDSGSSVG  
EITGHNKVINSDIKQSRPYRLATGSDDNCAAFFEGPPFKFKFTIGDHSRFVNCVRFSPDGNRFATASAD  
GQIYIYDGKTGEKVCALGGSKAHDGGIYAI SWSPDSTHLLSASGDKTSKIWDVSVNSVSTFPMGSTVLVD  
QQLGCLWQKDHL LSVSLSGYINYLDRNNPSKPLHVIKGHSKSIQCLTVHKNGGKSYIYSGSHDGHINYWD  
SETGENDSFAGKGHTNQVSRMTVDESGQLISCSMDDTVRYTSLMLRDYSGQGVVCLDVQPKCVAVGPGGY  
AVVVCIGQIVLLKQKCF SIDNPGYEPEVVAVHPGGDTVAIGGVDGNVRLYSILGTTLKDEGKLLLEAGK  
PVTDVAYSHDGAFLAVCDASKVVTVF SVADGYSENNVFGHHA KIVCLAWSPDNEHFASGGMDMMVYVWT  
LSDPETRVKIQDAHRLHHVSSLAWLDEHTLVTTSHDASVKEWTITY

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.
RefSeq:	<a href="#">NP_059830</a>
RefSeq Size:	3160
RefSeq ORF:	1818



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**Synonyms:** AIP1; HEL-S-52; NORI-1; PFITS

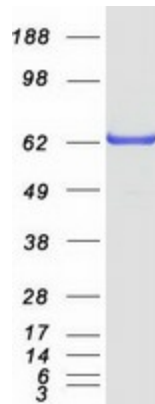
**Locus ID:** 9948

**UniProt ID:** [O75083](#), [V9HWG7](#)

**Cytogenetics:** 4p16.1

**Summary:** This gene encodes a protein containing 9 WD repeats. WD repeats are approximately 30- to 40-amino acid domains containing several conserved residues, mostly including a trp-asp at the C-terminal end. WD domains are involved in protein-protein interactions. The encoded protein may help induce the disassembly of actin filaments. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified WDR1 protein (Cat# [TP300303]). The protein was produced from HEK293T cells transfected with WDR1 cDNA clone (Cat# [RC200303]) using MegaTran 2.0 (Cat# [TT210002]).