

## Product datasheet for PH305735

### WDR85 (DPH7) (NM\_138778) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	WDR85 MS Standard C13 and N15-labeled recombinant protein (NP_620133)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205735
Predicted MW:	50.6 kDa
Protein Sequence:	>RC205735 protein sequence Red=Cloning site Green=Tags(s)

MMGCFALQTVDELTAADSVIEWCPLQGCRRHLLACGTYQLRRPEDRPAGPQNKGGMEVKEPQVRLGRLFLYS  
FNDNNSIHPLVEVQRKDTSAILDMKWCHIPVAGHALLGLADASGSIQLLRLVESEKSHVLEPLSSLALEE  
QCLALSLDWSTGKTGRAGDQPLKIISSDSTGQLHLLMVNETRPRLQKVASWQAHQFEAWIAAFNYWHPEI  
VYSGGDDGLLRGWDTRVPGKFLFTSKRHTMGVCSIQSSPHREHILATGSYDEHILLWDRNMKQPLADTP  
VQGGVWRKWHPFHHLLLAACMHSGFKILNCQKAMEERQEATVLTSHLTPDSL VYGADWSWLLFRSLQR  
APSWSFPSNLGKTADLKGASELPTPCHECREDNDGEGHARPQSGMKPLTEGMRKNGTWLQATAATTRDC  
GVNPEEADSAFSLLATCSFYDHALHLWEWEGN

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- <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_620133</a>
RefSeq Size:	1847
RefSeq ORF:	1356
Synonyms:	C9orf112; RRT2; WDR85



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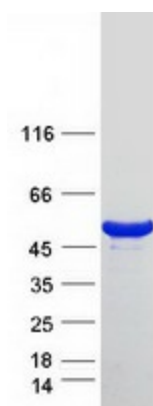
Locus ID: 92715

UniProt ID: [Q9BTV6](#)

Cytogenetics: 9q34.3

**Summary:** Diphthamide is a post-translationally modified histidine residue present in elongation factor 2, and is the target of diphtheria toxin. This gene encodes a protein that contains a WD-40 domain, and is thought to be involved in diphthamide biosynthesis. A similar protein in yeast functions as a methyltransferase, converting methylated diphthine to diphthine, which can then undergo amidation to produce diphthamide. [provided by RefSeq, Oct 2016]

### Product images:



Coomassie blue staining of purified DPH7 protein (Cat# [TP305735]). The protein was produced from HEK293T cells transfected with DPH7 cDNA clone (Cat# [RC205735]) using MegaTran 2.0 (Cat# [TT210002]).