

Product datasheet for **TP305735M**

WDR85 (DPH7) (NM_138778) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WD repeat domain 85 (WDR85), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC205735 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MMGCFALQTVDELTAADSVIEWCPLQGCRHLLACGTYQLRRPEDRPAGPQNKGGMEVKEPQVRLGRLFLYS
FNDNNSIHPLVEVQRKDTSAILDMMKWCHIPVAGHALLGLADASGSIQLLRVSEKSHVLEPLSSLALEE
QCLALSLDWSTGKTGRAGDQPLKIISDSTGQLHLLMVNETRPRQLKVASWQAHQFEAWIAAFNYWHPEI
VYSGGDDGLLRGWDTRVPGKFLFTSKRHTMGVCSIQSSPHREHILATGSYDEHILLWDTRNMKQPLADTP
VQGGVWRIKWHPFHHLHLLAACMHSGFKILNCQKAMEERQEATVLTSHLTPDSLVIYGADWSWLLFRSLQR
APSWFSPNLGKTADLKGASELPTPCHECREDNDGEGHARPQSGMKPLTEGMRKNGTTLQATAATTRDC
GVNPEEADSAFLLATCSFYDHALHLWEWEGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

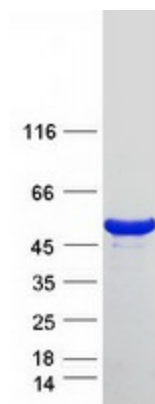
Tag:	C-Myc/DDK
Predicted MW:	50.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
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_620133



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Locus ID:	92715
UniProt ID:	Q9BTV6
RefSeq Size:	1847
Cytogenetics:	9q34.3
RefSeq ORF:	1356
Synonyms:	C9orf112; RRT2; WDR85
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]).