

## Product datasheet for **TP305735L**

### WDR85 (DPH7) (NM\_138778) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human WD repeat domain 85 (WDR85), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC205735 protein sequence

**Clone or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MMGCFALQTVDELTAADSVIEWCPLQGCRHLLACGTYQLRRPEDRPAGPQNKGGMEVKEPQVRLGRLFLYS  
FNDNNSIHPLVEVQRKDTSAILDMKWCHIPVAGHALLGLADASGSIQLLRVSEKSHVLEPLSSLALEE  
QCLALS LDWSTGKTGRAGDQPLKIISDSTGQLHLLMVNETRPRQLKVASWQAHQFEAWIAAFNYWHPEI  
VYSGGDDGLLRGWDTRVPGKFLFTSKRHTMGVCSIQSSPHREHILATGSYDEHILLWDTRNMKQPLADTP  
VQGGVWRIKWHPFHHLHLLAACMHSGFKILNCQKAMEERQEATVLTSHLTPDSLVIYGADWSWLLFRSLQR  
APSWFSPNLGKTADLKGASELPTPCHECREDNDGEGHARPQSGMKPLTEGMRKNGTWLQATAATTRDC  
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.

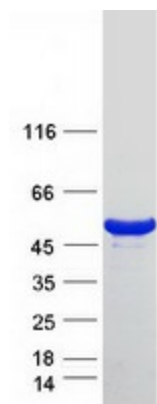
**RefSeq:** [NP\\_620133](#)



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Locus ID:	92715
UniProt ID:	<a href="#">Q9BTV6</a>
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]).