

## Product datasheet for TP314584M

### WDR36 (NM\_139281) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WD repeat domain 36 (WDR36), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214584 protein sequence Red=Cloning site Green=Tags(s)

MCCTEGSLRKRDSQRAPEAVLCLQLWQRTVPLDTLKG LGTGFPSGPELRGAGIAAAMERASERTASALF  
AGFRALGLFSNDIPHVVRFSAKRRFYVTTCVGKSFHTYDVQKLSLVAVSNSVPODICCMAADGRLVFAA  
YGNVFSAFARNKEIVHTFKGHKAEIHFLQPFGDHII SVDTDGILIIWHIYSEEEYLQ LTFDKSVFKISAI  
LHPSTYLNKILLGSEQGSLQLWNVKS NKLLYTFPGWKVGV TALAQQAPAVDVVAIGLMSGQVIIHNIKFNE  
TLMKFRQDWGPITSISFRTDGHPVMAAGSPCGHIGLWDLEDK KLINQMRNAHSTAIAGLTF LHREPLLVT  
NGADNALRIWIFDGPTGEGRLLRFRMGHSAPLTNIRYYGQNGQQILSASQDGT LQSFSTVHEKFNKSLGH  
GLINKKRVKRKGLQNTMSVRLPPITKFAAEEA RESDWDGIIACHQGKLS CSTWNYQKSTIGAYFLKPKEL  
KKDDITATAVDITSCGNFAVIGLSSGTV DYNMQSGIHRGSFGKDQAHKGSVRGVAVDGLNQLT VTTGSE  
GLLKFWNFKNKILHSVLS SSPNIMLLHRDSGILGLALDDFSISVLDIETR KIVREFSGHQGGQINDMAF  
SPDGRWLISAAMD CSIRTWDLPSGCLIDCFLLD SAPLNVSMSPTGDFLATSHVDHLGIYLWSNISLYSVV  
SLRPLPADYVPSIVMLPGTCTQDVEVSEETVEPSDELIEYDSPEQLNEQLV TLLPESRWKNLLNLDV  
IKKKNKPKEPPKVPKSAPFFIPTIPGLVPRYAAPEQNNDPQQSKV VNLGVLAQKSDFLKLEEGLVN NKY  
DTALNLLKESGPSGIETELRSLSPDCGGSIEVMQSFLKMIGMMLDRKRFELAQAYLALFLKLHLKMLPS  
EPVLLLEEITNLSSQVEENWTHLQSLFNQSMCILNYLKSALL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	105.1 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.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_644810</a>
<b>Locus ID:</b>	134430
<b>UniProt ID:</b>	<a href="#">Q8NI36</a>
<b>RefSeq Size:</b>	6611
<b>Cytogenetics:</b>	5q22.1
<b>RefSeq ORF:</b>	2853
<b>Synonyms:</b>	GLC1G; TA-WDRP; TAWDRP; UTP21
<b>Summary:</b>	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Mutations in this gene have been associated with adult-onset primary open-angle glaucoma (POAG). [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified WDR36 protein (Cat# [TP314584]). The protein was produced from HEK293T cells transfected with WDR36 cDNA clone (Cat# [RC214584]) using MegaTran 2.0 (Cat# [TT210002]).