

Recombinant Human WDR36 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WDR36-5330H Lot. No. (See product label)

SPECIFICATION

Product Overview	WDR36 MS Standard C13 and N15-labeled recombinant protein (NP_644810) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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).
Molecular Mass	105.3 kDa
AA Sequence	MCCTEGSLRKRD SQRAPEAVLCLQLWQRTVPLDTLKG LGTCFPSGPEL RGAGIAAA MERASERRTASALFAGFRALGLFSNDIPHVVRFSA LKRRFYVTT CVGKSFHTYDVQK LSLVAVSNSVPQDICCMAADGRLVFAAYGNVFSAFARNKEIVHTFKGHKAEIHFLQP FGDHIISVDTDGILIIWHIYSEEEYLQLTFDKSVFKISAILHPSTYLNKILLGSEQGSLQL WNVKSNKLLYTFPGWKVGVTALQQAPAVDVVAIGLMSGQVIIHNIKFNETLMKFRQD WGPITSISFRTDGHPVMAAGSPCGHIGLWDLEDKKLINQMRNAHSTAIAGLTFLHRE

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PLLVTNGADNALRIWIFDGPTGEGRLLRFRMGHSAPLTNIRYYGQNGQQILSASQDG
 TLQSFSTVHEKFNKSLGHGLINKKRVKRKGLQNTMSVRLPPITKFAAEEARESDWDG
 IIACHQGKLSCTWNYQKSTIGAYFLKPKELKKDDITATAVDITSCGNFAVIGLSSGTV
 DVYNMQSGIHRGSFGKDQAHKGSVRGVAVDGLNQLTVTGSEGLLKFWNFKNKILI
 HSVSLSSSPNIMLLHRDSGILGLALDDFSISVLDIETRKIVREFSGHQGQINDMAFSPD
 GRWLISAAMDCSIRTWDLPSGCLIDCFLDLSAPLNVMSPTGDFLATSHVDHLGIYL
 WSNISLYSVVSLRPLPADYVPSIVMLPGTCQTQDVEVSEETVEPSDELIEYDSPEQLN
 EQLVTLSLLPESRWKNLLNLDVIKKKNKPKEPPKVPKSAPFFIPTIPGLVPRYAAPEQ
 NNDPQQSKVVNLGVLAQKSDFCLEGLVNNKYDTALNLLKESGPSGIETELRSLS
 PDCGGSIEVMQSFLKMIGMMLDRKRFELAQAYLALFLKLHLKMLPSEPVLLLEEITNL
 SSQVEENWTHLQSLFNQSMCILNYLKSALLTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name WDR36 WD repeat domain 36 [Homo sapiens (human)]

Official Symbol WDR36

Synonyms WDR36; WD repeat domain 36; glaucoma 1, open angle, G, GLC1G; WD repeat-

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containing protein 36; TA WDRP; UTP21; T-cell activation WD repeat protein; T-cell activation WD repeat-containing protein; GLC1G; TAWDRP; TA-WDRP; DKFZp686I1650;

Gene ID [134430](#)

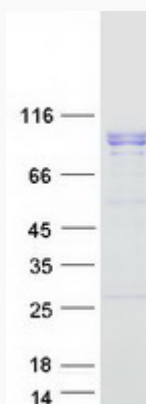
mRNA Refseq [NM_139281](#)

Protein Refseq [NP_644810](#)

MIM [609669](#)

UniProt ID [Q8NI36](#)

SDS-PAGE



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