

# Recombinant Human WDR44 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** WDR44-135H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WDR44 MS Standard C13 and N15-labeled recombinant protein (NP_061918) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | This gene encodes a protein that interacts with the small GTPase rab11. A similar protein in rat binds the GTP-containing active form of rab11. This protein may play a role in endosome recycling. Alternate splicing results in multiple transcript variants.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 101.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>MASESDTEEFYDAPEDVHLGGGYVPGSPGKVGGLSTFKETENTAYKVGNESPVQEL<br/> KQDVSKKIIIESIIIESQKVLQLEDDSLDSKGKELSDQATASPIVARTDLNIPGLLAIDQ<br/> VLPEESQKAESQNTFEETELKKECFPSDETCEKPVDETTKLTQTSSTEQLNVLETE<br/> TEVLNKEAVEVKGGGDVLEPVPSDSLSTKDFAAVEEVAPAKPPRHLTPEPDIVASTK<br/> KPVPARPPPPTNFPPPPRPPPPSRPAPPPRKRKSELEFETLKTDPIDVPKENITSDSLL<br/> TASMASESAVKDSQPSLDLASATSGDKIVTAQENGKAPDGQTVAGEVMGPQRPRS<br/> NSGRELTDEEILASVMIKNLDTGEEIPLSLAEEKLPTGINPLTLHIMRRTKEYVSNDA<br/> QSDDEEKLQSQPTD TDGGRLKQKTTQLKKFLGKSVKRAKHLAEEYGERAINKVKS<br/> RDEVFHTDQDDPSSSDDEGMPYTRPVKFAAHGFKGPYDFDQIKVVQDLSGEHMG<br/> AVWTMKFSHCGRLLASAGQDNVVRWALKNAFDYFNNMRMKYNTTEGRVSPSPSQE</p> |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

SLSSSKSDTDTGVCSGTDEDPDDKNAPFRQRPFCYKYGHTADLLDLSWSKNYFLLS  
 SSMDKTVRLWHISRRECLCCFQHIDFVTAIAFHPRDDRYFLSGSLDGKRLWNIPDK  
 KVALWNEVDGQTKLITAANFCQNGKYAVIGTYDGRCIFYDTEHLKYHTQIHVRSTRG  
 RNKVGRKITGIEPLPGENKILVTSNDSRIRLYDLRDLSLSMKYKGYVNSSSQIKASFSH  
 DFTYLVSGSEDKYVYIWSTYHDLKFTSVRRDRNDFWEGIKAHNAVVTSAIFAPNPS  
 LMLS LDVQSEKSEGNEKSEDAEVL DATPSGIMKTDNTEVLLSADFTGAIKVFVNKRK  
 NVSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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** WDR44 WD repeat domain 44 [ Homo sapiens (human) ]

**Official Symbol** WDR44

**Synonyms** WDR44; WD repeat domain 44; RAB11BP; RPH11; SYM-4; WD repeat-containing protein 44; rabphilin-11

**Gene ID** 54521

**mRNA Refseq** NM\_019045

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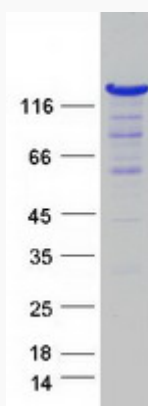
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**Protein Refseq** NP\_061918

**UniProt ID** Q5JSH3

**SDS-PAGE**



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