

Product datasheet for **RG209449**

WDR23 (DCAF11) (NM_025230) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR23 (DCAF11) (NM_025230) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WDR23
Synonyms:	GL014; PRO2389; WDR23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG209449 representing NM_025230
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGATCGCGGAACAGCAGCAGTGCAGGATCCGGGTCGGAGACCCCTCCGAGGGCTTGCCTCGAAGAG
 GGGCTGGCCTGCGTCGGAGTGAGGAAGAGGAAGAAGAGGATGAAGATGTGGATCTGGCCAGGACTGGC
 CTATCTCTCCGAGAGGCCAAGTGAGGTTGGTGCAGGGAGGAGTGCAGCAAATTTACAATTCATTTCAG
 GCCCTCTTGGACTCAGAGGAAGAGAATGACAGAGCTTGGGATGGTCTGTTGGGGATCGATAACAACCCAC
 CTGTGGATGCTACCCCTGACACCCGGGAGCTGGAATTCATGAGATCAAGACACAAGTGGAACTGGCCAC
 AGGGCAGCTGGGGCTTAGGCGGGCCGCCAGAAGCACAGCTTTCCTCGAATGTTGCACCAGAGAGAACGG
 GGCCTCTGCCATCGGGAAAGCTTCTCCCTGGAGAACAGTCTCGAGTGATATCTCACTTCTTGCCTAATG
 ATCTGGGCTTCACTGATAGCTACTCTCAGAAGGCTTTCGTGGCATCTACAGCAAAGATGGTCAAATATT
 CATGTCTGCTTGGCAAGACCAGACAATCCGACTCTATGACTGCCGATATGGCCGTTTCCATAAAATCAAG
 AGCATCAAGGCCCGCATGTAGGCTGGAGCGTCTTGGATGTGGCCTTACCCCTGATGGGAACCACTTCC
 TCTACTTAGCTGGTCTGATTACATTCATATCTGCAATATCTATGGTGAGGGAGATACACACACTGCCCT
 GGATCTCAGGCCAGATGAGCGTCGCTTTGCTGTCTTCTCCATTGCTGTCTCCTCAGATGGACGAGAAGTA
 CTAGGAGGGGCCAATGATGGCTGCCTGTATGTCTTTGACCGAGAACAAGACCGGCGCACCCCTTCCAGATTG
 AGTCCCATGAGGATGATGTGAATGCAGTGGCCTTTGCTGATATAAGCTCCCAAATCCTGTCTCTGGGGG
 AGATGATGCCATCTGCAAAGTGTGGGATCGACGCCACCATGCGGGAGGATGACCCCAAGCCTGTGGGTGCA
 CTGGCTGGACACCAGGATGGCATCACCTTATTGACAGCAAGGGTGTATGCCCGGTATCTGATCTCCAAC
 CTAAGACACAGACCATCAAACCTGGGATATCCGACGCTTTTCCAGCCGGGAAGCATGGAAGCTTACAG
 CCAGGCTGCCACACAGCAAAACTGGGACTATCGGTGGCAGCAAGTGCCCAAAAAAGCCTGGCGGAAGCTG
 AAGCTCCAGGGGACAGCTCCTTGATGACCTACCGGGGCCACGGAGTGTGCACACCCTCATCCGCTGCC
 GGTCTCCCCATTATAGCACTGGCCAGCAGTTCATCTACAGTGGCTGCTCCACTGGCAAAGTGGTGTG
 GTACGACCTTCTAAGTGGCCACATTGTGAAGAAGCTGACCAACCACAAGGCCTGTGTGCGTGACGTGAGT
 TGGCACCCCTTTGAAGAGAAGATTGTGACGAGTTCGTGGGACGGGAACCTGCGTCTGTGGCAGTACCGCC
 AGGCTGAGTACTCCAGGATGACATGCCAGAATCTGAGGAATGTGCCAGCGCCCTGCCCCAGTGCCCA
 ATCCTCTACACCCTTTCTCACCCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG209449 representing NM_025230
 Red=Cloning site Green=Tags(s)

MGRNSSSAGSGSDPSEGLPRRGAGLRRESEEEEEDEDVLAQVLAYLLRRGQVRLVQGGGAANLQFIQ
 ALLDSEEENDRAWGRLGDRYNPPVDATPDTRLEFNEIKTQVELATGQLGLRRAAQKHSFPRMLHQRER
 GLCHRGSFSLGEQSRVISHFLPNLGFDSYSQKAFCGIYKDGQIFMSACQDQTIIRLYDCRYGRFHFKF
 SIKARDVGWSVLDVAFTPDGNHFLYSSWSDYIHCNIYEGEDTHTALDLRPDERRFAVFSIAVSSDGREV
 LGGANDGCLYVFDREQNRRLQIESHEDDVNAVAFADISSQILFSGGDDAICKVWDRRTMREDDPKPVGA
 LAGHQDGITFIDSKGDARYLISNSKDQTIKLWDIRRFSSREGMEASRQAATQQNWDYRWQVQPKAWRKL
 KLPDSSLMTYRHHGVLHTLIRCRFSPIHSTGQQFIYSGCSTGKVVVYDILLSGHIVKKL TNHKACVRDVS
 WHPFEEKIVSSWDGNLRLWYRQAEYFQDDMPSEECASAPAPVPSSTPFSSPQ

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_025230

ORF Size: 1638 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_025230.3](#), [NP_079506.3](#)

RefSeq Size: 4286 bp

RefSeq ORF: 1641 bp

Locus ID: 80344

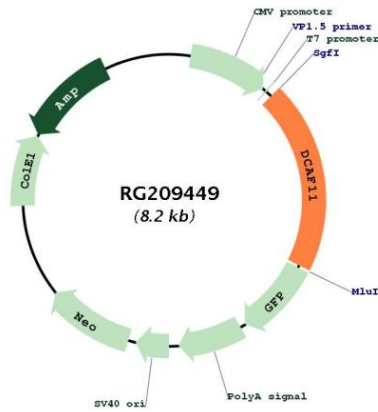
UniProt ID: [Q8TEB1](#)

Cytogenetics: 14q12

Domains: WD40

Gene Summary: This gene encodes a WD repeat-containing protein that interacts with the COP9 signalosome, a macromolecular complex that interacts with cullin-RING E3 ligases and regulates their activity by hydrolyzing cullin-Nedd8 conjugates. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2009]

Product images:



Circular map for RG209449