

Product datasheet for **SC310300**

WDR23 (DCAF11) (NM_181357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR23 (DCAF11) (NM_181357) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR23
Synonyms:	GL014; PRO2389; WDR23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC310300 representing NM_181357.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGATCGCGGAACAGCAGCAGTGCAGGATCCGGTCCGGAGACCCCTCCGAGGGCTGCCCGAAGA
GGGGCTGGCCTCGGTCCGAGTGAGGAAGAGGAAGAAGAGGATGAAGATGTGGATCTGGCCAGGCCCTC
TTGGACTCAGAGGAAGAGAATGACAGAGCTTGGGATGGTCGTCTTGGGGATCGATACAACCCACCTGTG
GATGCTACCCCTGACACCCGGGAGCTGGAATCAATGAGATCAAGACACAAGTGGAACTGCCACAGGG
CAGCTGGGGCTTAGCGGGCCGCCAGAAGCACAGCTTCTCCTCGAATGTTGCACCAGAGAGAACGGGGC
CTCTGCCATCGGGGAAGCTTCTCCCTTGGAGAACAGTCTCGAGTGATATCTCACTTCTTGCCCAATGAT
CTGGGCTTCACTGATAGTACTCTCAGAAGGCTTCTGTGGCATCTACAGCAAAGATGGTCAAATATTC
ATGTCTGCTTCCAAGACCAGACAATCCGACTCTATGACTGCCGATATGGCCGTTTCCGTAATTCAG
AGCATCAAGGCCCGCAGCTAGGCTGGAGCGTCTTGGATGTGCCCTTACCCCTGATGGGAACCACTTC
CTCTACTCTAGCTGGTCTGATTACATTCATATCTGCAATATCTATGGTGAGGGAGATACACACTGCC
CTGGATCTCAGGCCAGATGAGCGTCGCTTGTGTCTTCCATTGCTGTCTCTCAGATGGACGAGAA
GTACTAGGAGGGGCAATGATGGCTGCCTGTATGTCTTTGACCGAGAACAGAACCGGCGCACCCCTCAG
ATTGAGTCCCATGAGGATGATGTGAATGCAGTGGCCTTTGCTGATATAAGCTCCCAAATCCTGTTCTCT
GGGGGAGATGATGCCATCTGCAAAGTGTGGGATCGACGCCACCATGCGGGAGGATGACCCCAAGCCTGTG
GGTGCAGTGGCTGGACACCAGGATGGCATCACCTTCATTGACAGCAAGGGTGTGCCCGTATCTGATC
TCCAACTCTAAAGACCAGACCATCAAATCTGGGATATCCGACGCTTTCCAGCCGGGAAGGCATGGAA
GCTTACGCCAGGCTGCCACACAGCAAACTGGGACTATCGGTGGCAGCAAGTGCCAAAAAAGCCTGG
CGGAAGCTGAAGCTCCAGGGGACAGCTCCTTGTGACCTACCGGGCCACGGAGTGTGCACACCCTC
ATCCGCTGCCGGTCTCCCCATTATAGCACTGGCCAGCAGTTTATCTACAGTGGCTGCTCCACTGGC
AAAGTGGTTGTGTACGACCTTCTAAGTGGCCACATTGTGAAGAAGCTGACCAACCAAGGCCTGTGTG
CGTGACGTGAGTTGGACCCCTTTGAAGAGAAGATTGTCAGCAGTTCTGGGACGGGAACCTGCGTCTG
TGGCAGTACCGCCAGGCTGAGTACTTCCAGGATGACATGCCAGAATCTGAGGAATGTGCCAGCGCCCT
GCCCAAGTCCCAATCTCTACACCCTTTCTCACCCAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_181357

Insert Size: 1563 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_181357.2](#)

RefSeq Size: 3663 bp

RefSeq ORF: 1563 bp

Locus ID: 80344

UniProt ID: [Q8TEB1](#)

Cytogenetics: 14q12

MW: 58.8 kDa

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]
Transcript Variant: This variant (2) differs in the 5' UTR and lacks an alternate in-frame segment in the 5' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.