

Product datasheet for **SC321946**

WDR23 (DCAF11) (NM_025230) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR23 (DCAF11) (NM_025230) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR23
Synonyms:	GL014; PRO2389; WDR23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_025230.3
 GAGCGAAGCGCGTGACGGAGGAGCGGTTGGCCAACGCAGTGGCGGCAGTCGGTGTAAACA
 AGGCCTCGCGCCGCTGCGGGTCTGCGACCGCTCCTGGCTGGAGGTGACAGGAGGAGCCC
 CCGCACAGGACCTAAGAAATGCTGTGACCAGAAGATGGGATCGCGGAACAGCAGCAGTGCA
 GGATCCGGGTCCGGAGACCCCTCCGAGGGCTTGCCCGAAGAGGGGCTGGCCTGCGTCGG
 AGTGAGGAAGAGGAAGAAGAGGATGAAGATGTGGATCTGGCCAGTACTGGCCTATCTC
 CTCCGACAGGGCCAAGTGAAGTTGGTGCAGGGAGGAGTGCAGCAAATTTACAATTCATT
 CAGGCCCTCTTGACTCAGAGGAAGAGAATGACAGAGCTTGGGATGGTCGTCTTGGGGAT
 CGATAACAACCACCTGTGGATGCTACCCCTGACACCCGGGAGCTGGAATTCATGAGATC
 AAGACACAAGTGGAACTGGCCACAGGCAGCTGGGGCTTAGGCGGGCCGCCAGAAGCAC
 AGCTTTCTCGAATGTTGCACCAGAGAGAACGGGGCTCTGCCATCGGGGAAGCTTCTCC
 CTTGGAGAACAGTCTCGAGTGATATCTCACTTCTTGCCCAATGATCTGGGCTTCACTGAT
 AGCTACTCTCAGAAGGCTTTCTGTGGCATCTACAGCAAAGATGGTCAAATATTCATGTCT
 GCTTGCCAAGACCAGACAATCCGACTCTATGACTGCCGATATGGCCGTTTCCATAAATTC
 AAGAGCATCAAGGCCCGCATGTAGGCTGGAGCGTCTTGATGTGGCCTTCAACCCTGAT
 GGGAACTTCTCTACTCTAGCTGGTCTGATTACATTCATATCTGCAATATCTATGGT
 GAGGGAGATACACACACTGCCCTGGATCTCAGGCCAGATGAGCGTCGCTTTGCTGTCTTC
 TCCATTGCTGTCTCCTCAGATGGACGAGAAGTACTAGGAGGGCCAATGATGGCTGCCTG
 TATGTCTTTGACCGAGAACAACCGGCGCACCCCTCAGATTGAGTCCCATGAGGATGAT
 GTGAATGCAGTGGCCTTTGCTGATATAAGCTCCAAATCCTGTTCTCTGGGGGAGATGAT
 GCCATCTGCAAAGTGTGGGATCGACGCACCATGCGGGAGGATGACCCCAAGCCTGTGGGT
 GCACTGGCTGGACACCAGGATGGCATCACCTTCATTGACAGCAAGGGTGTGCCCCGAT
 CTGATCTCCAACCTAAAGACCAGACCATCAAACCTCTGGGATATCCGACGCTTTTCCAGC
 CGGGAAGGCATGGAAGCTTACAGCCAGGCTGCCACACAGCAAAACTGGGACTATCGGTGG
 CAGCAAGTGCCCAAAAAAGCCTGGCGGAAGCTGAAGCTCCAGGGGACAGCTCCTTGATG
 ACCTACCGGGGCCACGGAGTGCTGCACACCCTCATCCGCTGCCGTTCTCCCCATTTCAT
 AGCACTGGCCAGCAGTTCATCTACAGTGGCTGCTCCACTGGCAAAGTGGTTGTGTACGAC
 CTTCTAAGTGGCCACATTGTGAAGAAGCTGACCAACCACAAGGCCTGTGTGCGTGACGTC
 AGTTGGCACCCCTTTGAAGAGAAGATTGTCAGCAGTTCGTGGGACGGGAACCTGCGTCTG
 TGGCAGTACCGCCAGGCTGAGTACTTCCAGGATGACATGCCAGAATCTGAGGAATGTGCC
 AGCGCCCTGCCAGTGCCCAATCCTCTACACCCTTTTCTCACCCAGTAGATCCAA
 CCTCCAGCCCATATAGGGTGAACCTCTTGATAAGCTCTCTGCCTCCTCCTCCTTTCTC
 CCTTGTGGGAATGTTTGGAGGAATCACTGGCATTGATGGGGAATAACATAAGCCTGGG
 CTCTGAGCCTCAGCTGAGCCCTGGAAGATTCTCCCATGGGGCAGAGTGGTCTCCTTACG
 TGCTCACACCCAGTCAGCTTGGTCCCTATCTCTGGCCAGAGTTTGGCAGGACTGCCATT
 ATCTGGGGTGTGGCCTCTGCCAGCAAGAGAAGTGTCTGGGTGTTTTAATCATGTTTGA
 ATGTTAGGGTTGGATCCTAGAGTAGATGCCTGAGGCCACATCTGAACAGACCTGTCAGC
 CAGGCCTGCCAGGTCTTACGTTGAGGATCAACTGGCCAATCACAGGACAGGTGTCCTG
 GCCTTTCTCTGAGGTCTTAGGGGAGGGGCATGGGTAAGGGTGTTCCTCAGCACCTC
 CCTGGGGTGGGATTATGTCTGCTGTATGTCTGGGTCTTAGGGTAGGACAGGCTGTGG
 TATGAGAGGCAGGAGTCTCCACAAGGCTTCATGTGGCCCTTATAGGGCAGGCCCTGCC
 TCTGGGAAGTCCCTTATGCTGGAGGCACACAGCTTTAAGGAAGTAGGTTGAAGTAGGA
 CTCCTTCGCTCTCACTGGCTTTGGCTCCCTCAATAAACTGTGTGGGAACCTGAAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_025230

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:	<ol style="list-style-type: none"> 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:	<u>NM_025230.3</u> , <u>NP_079506.3</u>
RefSeq Size:	4286 bp
RefSeq ORF:	1641 bp
Locus ID:	80344
UniProt ID:	<u>Q8TEB1</u>
Cytogenetics:	14q12
Domains:	WD40
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Both variants 1 and 3 encode the same isoform.</p>