

Product datasheet for **SC327333**

WDR52 (CFAP44) (NM_001164496) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR52 (CFAP44) (NM_001164496) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR52
Synonyms:	SPGF20; WDR52
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001164496, the custom clone sequence may differ by one or more nucleotides

```

ATGAAGGAACCAGATGATCAGGATACTGATGGGGAGAAATCAGTTACATCAAAGAGTGAT
GGGAAGAAGTCTCTGAGGTCTTCTAAATCAGAATCAAGATCTCCTGTTCAAGAAGATAAC
ACATTTTTAGAAAGATGACACAGATGAAACATTTACCAAAGGGGAAGGATCATATTTAGAA
GAAGACTCAGATGAGGAACGTTTGAAGGAAGTTTGAGTTCATTTAGATGTTGATTTG
CAAAGCACTACAGTACCTCAGCAAACCCCTGCTCCAGCTGTGGAAGAAGCAGAGGAGGAA
GTGAAGAAGAAAATATCAGAGAGCTTCTCTATGATTATATGGAGCTTGCTTCGATGCCT
TTTGTGACTCTGGATTCAAACATACCACTGGATCTTCTCACACTGTACATTTCTTTGGT
TATGACTGTAGAAAGCGAGCCAACCTACAACCTCTGGACGACAGTATCGCCATATACATA
GCTGGGAACCAACTGATCTTTCTGAATTTGAAAACCAAGGAACAGATCTACCTGCGAAGT
AGCAGTGGTGAAGGAATTGGCGTCATTGGGGTTCATCCACATAAACTTATTTACAGTA
GCTGAAAAAGGGAGTTTTCCAGATATTATCATCTATGAATATCCTTCTCTGAGACCATAC
AGAGTCCTTCGAGATGGGACTGAGAAGGGATATGCTTATGTGGACTTTAACTACAGCGGT
AACTTGCTGGCCTCTGTTGGTAGTAACCCTGACTACACACTGACTATCTGGAAGTGGAAA
GAAGAACAACCCATACTAAGGACAAAAGCTTTTCTCAGGAAGTTTTAAGGTTACTTTC
AATCCTGATAAGGAAGAGCAGCTTACTACATCGGGATCAGGCCACATCAAGTTCTGGGAA
ATGGCTTTTACGTTACCGGTCTCAAGCTGCAGGGATCACTAGGTCGATTTGGCAAAACA
ATCACTACTGATATAGAAGGCTACATGGAGCTCCAGATGGGAAGGTGCTCTCAGGGTCA
GAATGGGGCAACATGCTGCTTTGGGAAGGTGGTCTGATCAAAGTGGAGCTCTGTCCGAGGG
ACAAGCAAGTCATGTCAATGGTCCCATTAAACCAGATAATGCTGTATGAGGGTGAAGTT
ATCACTGTTGGGTGAGATGGATATGTTAGGATATGGGATTTTGAGACAATAGACACTGCT
GATGTAATAGATGAGACTGGATTGTTGGAGATTGAGCCTATTAATGAACCTCAAGTAGAC
AAGAATGTGAATCTCTTCTCTATGATAAAATGAATGAACTGGAATAAATTTTGGTTG
GCTCAGGATGCCAATGGAGCCATATGGAAGCTTGACCTTAGTTTTTCAAATATTACCCAG
GACCCAGAATGCCTCTTCTCCTTCCATTCTGGAGCTATTGAAGCCGTGGCTGTTTCTCCT
CTCACTTATCTCATGGCCACAACCTGCCTTGAGCTGCTCTGTTTCAATCTATGATTTTCT

```



[View online »](#)

AGCAAACTCCTTTGGCCAGATGAAATTCAAACAAGGAGGTACTGCCCTTGTTTGGGTA
 CCCCAGATGGTAACTTCACTGGAGCACAAATTATTGTAGGATTTGAAGATGGAGTTGTT
 CGAATTCCTTGAACCTTATGATCCAAAAGGGCTCACGATTTTTGCGGGACGGAAGAAAATT
 TTGGATGCTGATATTCAGTTGAAACAGGTTTTCAAACCCCATCTGCTTGTGCTACTGCT
 TTAGCTTATGAACGTGATGGGAAATTTAGCCACAGGGAGTAAAGATCAAACCTGTTTTT
 TTCTTTGAAGTGGAAAGGATTATAAGCCGATTGGTTATATTAATACTCCTGGACCTGTG
 TGTCAGTTAATGTGGTCTCCCATGTCTCATCTGAAAGTACTTTACTAATTATCTGTGAA
 AATGGCTATATTCTTGAAGCTCCACTTCCAACCATAAAGCAAGAAGAGGATGATCATGAT
 GTAGTCTCCTATGAAATCAAAGACATGTGCATAAAATGTTTCCATTTTTCAAGTGTCAAA
 TCTAAGATTCTGAGATTAATAGAAATTGAAAAGAGGGAGAGACAAAGGGAGTTGAAGGAG
 AAAATAAGGGAAGAAAGGAGGAACAAGCTAGCAGCAGAGATGGGAGAAGATGGAGAAAAA
 GAATTTCAAGGAGGAGGAAGAGGAGAAAGAGGAGGAGGAGGAGGAAGAAGAGCCATTACCT
 GAAATATTTATCCGTCAACCCCTCTCCCATCTCTGTGGATTTTACTCAGAGCCAGGG
 AAGTTCTGGGTTTTCTTTGGTGGCTATGATTCTGGTTTTCTATATCACTGTGAGTTCCCC
 CCTTGTGATGAAAGCAGTGATTTCAAAGAACAAAAGATGAACCTATTGATGTCCGTTAT
 CTTGCGGATACAGAGGACAATCCCATCCAACTATCACTTTCAACATTAACAAAGTTATG
 ATGTTTTGTGGAATGAAAATGGAGCAATTCGAGTCTATGTCCTAAATCAAATGATCCT
 TCATTGACCAGTTTGGTGGACTACTGGCACTTCAATATGCATGACAATAATTATGGATGT
 ATTAAGATATTGCTAATAGCTTTGATGATCGTTTCTGGTGACTGCTGGAGCAGATGGC
 AATATCTTTGTTTTCAACATTTTTCTGAATTTATGCTAAGGAAAGACATGAAGGCCAAA
 GTTCCATCTCCAGGTTTGAATTGAAACAGAGCCAATTCAGAAGACATTGAAGATCCC
 AAAGCCTACAGTATCGAGAATGCTAGGAGAAAAAGAGAACATGACAAGTTAATGAAAGAA
 GTGGGAGAAATAAAGGCACGGAAGAGAGAGCAAAATCAAAGCTTTGAGGAGTGAATTTGT
 AATCTATTAGAAATGAATGAAAAATTACCAAAGCATATGCAGTTTAAACGAACAGATTTT
 GATGTAGATTCCCAAATCCGTGCTGAGATGCACAGAAAAACAGCTTTCAAATTCACAA
 GTGAAAAGGAATTAGCTTGGGAAAAAGAGAAACATGAACTCGGCCTAATGAAGCTAAAG
 AATCGATTTGAGATCCACTGGAAAGTGATACTATTGTGGTTCATGCCATACTGAGTGAC
 CACAAGATATCTCTTACAGGCTGGTGCAGCCCTCTAAGTACTCCAAATTCAAACGAGCT
 AGTCAATCAGAGAGAAAACCAAGCAAATTGACAGGTTTGAAAAAGAGGGACCTGGAAGA
 AAGGACAGCCAGAGAGATGCAGGTGGGAGTGTTACCATAACAAGAAGATCAATAATAGAA
 AAAGGGAAGAAATTTCCGCCTAAACCCCTAAGTGAATCATCGTGAAAAATCAAATTGAG
 AAAACGAGAAAACCTTATATTAAGAGCTGAAAGGGCACAACCTAAAGATTCAACAGCGAAAA
 AAAGAATGGGAGGAACTATACAAGAGTAAACCTGGTGATGACTATGAAGATCCCAAAGAT
 CTTCAAGCCATCAAAGAAGCCAGGTGTATATGGGAGATTTCAATCTGAAGACAGCCCCA
 GACTACAAGATACCTGAGCACATGAGAATAAATGCTGCCAAGAAGGAAGAGGAAC TAGGA
 CACCTAGATTCTTTGGTCCATGGAAATAAAGGCACATGAACAAGTGCAATCTCTCTCTT
 AGAGACCTTAAAGTGGCTGTTGTTGAGGAAATACAGTGCCTGGTACAAGAACTGAAGAAC
 ATTCAGTCGACTCTTACATATCCAAGCACATACCCATTCCCAAAATTCCTCAGATACAC
 CCAGAAGAAGTCCAGAAAAGAGATTTTCAGTATGATGAAGAACTCTCCTAAATTTTAAG
 CAACAGCAAAATGAAAAGTAAAGATGAAAAGTCCCCGGAGTGGAACAGACAGGGTCTGGA
 GGCCAGTTGGAGGATTCTCAAACCTCTTCTAGAAAGGATGGGGATTTGACAACCCGT
 GATTCAATATCTAGATCATCAAAGGCATCAACATTGAGCCTAGATATACCAAAGTGTG
 GAATTTGAAAAGCAGAGCCAACGGATGTGGAGCTGGAATTTATGAAGAGAGACGAGATT
 AAACACGTGTACATGCAACAGTATTTGGTCAACAGGATCAAAGAAGTGGTGTCACTTTC
 GATGCAGAACTCCGTCTCCTTAGACATCAGAACTAAACTAGATACTCAGATGAAATTA
 TCTGACCTGCACCATGTACCTTATTTCAAGAAATACTTCTCCTGAAGAATTTTGAAAAA
 CAGGAGAACATACTTCAAGAACGTGTTAATTCCTTAGACAAAGAGGAACAGTACATGCAA
 TGGAAAAATAATGAACTCTTAAAGAGATGGAAGAGAAAAAGAAATGAAATCACCAAACTC
 CAGGAGCAAGAAAAGGCACTCTATGCTGGTTTTCAAGCAGCCATTGGAGAAAACAATAAA
 TTTGCAAACTTCTCATGAAGGTCCTAAAGAAGAAGATTAACCGGTAAGAAAAAGAA
 GTTGAAGGAGATGCTGATGAAGATGAGGAGAGTGAGGAATCAAGTGAAGAAGAATCTAGC
 TTGAGAGTGATGAAGATGAGTCTGAATCAGAAGATGAGGTTTTTGATGATTCTATTGTC

```
CCAACAAATTGTGATGTGGCTCTTTTGTAGCTGGCCCTTACCTTCGAGAGAAAAGGCTG
GACATTGAGGAGGCTTTAGTTGAAGAAAAGAAAATTGTTGATAACCTCAAAAAGGAATAT
GATACATTGTCAAAAAAGTGAAAATTGTGGCACTAATCTGAATGCAGCAGAGGAGGCC
CTGGAGGCTTATCAGCGAGAGAAGCAGCAGCGGCTGAATGAACTGCTAGTTGTGATTCCG
CTCAAGCTCCACCAGATAGAGTATGTGGTATTTGGAGAAATACCTAGCGATCTTTCTGGT
ACTTTGGTCTTCTCTAACCATGCCTTGAGACGGCTGCAAGAACGAATCCATGAGCTCCAG
GAGGAAAATCCAAGCAGCAAAAACCTTAACAAAGAATGGAGAGAGAGACGTAACAGCTC
ATCCGAGAAAAGAGAGAAATGACAAAAACCATACAAAAATGGAGGAAACAGTCCGCGAG
CTCATGATCAGCAAGTTTGGCCGTGTGGTAAATCTAGAAGCCCTTCAAACGCTTTCTGTT
AATACAACACTTGAAGAACTGAAGATCAGAAAACCTCGAAAGGAGCTAGCAATGCGAAA
GAGATGAAGATGTGGGAGGAAAAGATTGCTCAAATGCGATGGGAACTGATGATGAAGACA
AAAGAACACACCAGAAAGCTTTATCAGATGAATGATTTGTGATTGAAAAGAAGAACTT
GATTCTCGGTTGAATACACTACAGAATCAGCAGGGCAATGCCTTCCAGGGCCCTCGGAA
GCAGATGTTGTGGCAAGAGAGGAGGTCACTGAATTGATCCAACCTCAGGCGGAAAGGATT
TCGGCCTTAAAGGAGGAGATTGCTCTTTTGCCTAGGAAAGGCAGTCTTATCCTCCACCC
ATTCAGTCTCCAGAGAGAAAGAGATACAGCCCGCAGACCTT
```

Restriction Sites:	Please inquire
ACCN:	NM_001164496
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:	<u>NM_001164496.1</u> , <u>NP_001157968.1</u>
RefSeq Size:	10277 bp
RefSeq ORF:	5565 bp
Locus ID:	55779
UniProt ID:	<u>Q96MT7</u>
Cytogenetics:	3q13.2

Gene Summary:

Flagellar protein involved in sperm flagellum axoneme organization and function.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).