

Product datasheet for **SC315032**

WDR52 (CFAP44) (NM_018338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR52 (CFAP44) (NM_018338) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR52
Synonyms:	SPGF20; WDR52
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC315032 representing NM_018338.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAAGGAACAGATGATCAGGATACTGATGGGAGAAATCAGTTACATCAAAGAGTGATGGGAAGAAG
TCTCTGAGGTCTTCTAAATCAGAATCAAGATCTCTGTTCAGAAGATAACACATTTTTAGAAGATGAC
ACAGATGAAACATTTACCAAAGGGGAAGGATCATATTTAGAAGAAGACTCAGATGAGGAACGTTTGGAA
GGAAGTTTGAGTTCATTTAGTATGGTGTATTTGCAAAGCACTACAGTACCTCAGCAAACCCCTGCTCCA
GCTGTGGAAGAAGCAGAGGAGGAAGTTAAGAAGAAATATCAGAGAGCTTCTTCTATGATTATATGGAG
CTTGCTTCGATGCCTTTTGTGACTCTGGATTCAAACATACCACTGGATCTTCTCACACTTGTACATTCT
TTTGGTTATGACTGTAGAAAGCGAGCCAACCTACAACCTCTGGACGACAGTATCGCCATATACATAGCT
GGGAACCAACTGATCTTTCTGAATTTGAAACCAAGGAACAGATCTACCTGCGAAGTAGCAGTGGTGAA
GGAATTGGCGTCATTGGGGTTCATCCACATAAACTTATTTACAGTAGCTGAAAAAGGGAGTTTCCA
GATATTATCATCTATGAATATCCTTCTCTGAGACCATACAGAGTCCTTCGAGATGGGACTGAGAAGGA
TATGCTTATGTGGACTTTAACTACAGCGGTAACCTGCTGGCCTCTGTTGGTAGTAACCTGACTACACA
CTGACTATCTGGAAGTGAAGAAGAACAACCCATACTAAGGACAAAAGCTTTTTCTCAGGAAGTTTTT
AAGGTTACTTTCAATCCTGATAAGGAAGAGCAGCTTACTACATCGGGATCAGGCCACATCAAGTTCTGG
GAAATGGCTTTTACGTTACCGGTCTCAAGCTGCAGGGATCACTAGGTCGATTTGGCAAAACAATCACT
ACTGATATAGAAGGCTACATGGAGCTCCAGATGGGAAGGTGCTCTCAGGGTCAAGATGGGGCAACATG
CTGCTTTGGGAAGGTGGTCTGATCAAAGTGAGCTCTGTGAGGGACAAGCAAGTCATGTCACAATGGT
CCCATTAAACAGATAATGCTGTATGAGGGTGAAGTTATCACTGTTGGGTGAGATGGATATGTTAGGATA
TGGGATTTTGAGACAATAGACACTGCTGATGTAATAGATGAGACTGGATTGTTGGAGATTGAGCCTATT
AATGAACCTCAAGTAGACAAGAATGTGAATCTTCTCTATGATAAAAATGAATGAACTGGAAATTAAC
TTTTGGTTGGCTCAGGATGCCAATGGAGCCATATGGAAGCTTGACCTTAGTTTTTCAAATATTACCAG
GACCCAGAATGCCTCTTCTCCTTCCATTCTGGAGCTATTGAAGCCGTGGCTGTTTCTCCTCTCACTTAT
CTCATGGCCACAACCTGCCTTGGACTGCTCTGTTGCAATCTATGATTTTGTAGCAAACTCCTTTGGCC
CAGATGAAATCAAACAAGGAGTACTGCCCTGTTTGGGTACCCGAATGGTAACTTCACTGGAGCA
CAAATTATTGAGGATTTGAAGATGGAGTTGTTGCAATCTTGAACCTTATGATCCAAAAGGGCTCAGG
ATTTTTGCGGGACGGAAGAAAATTTTGGATGCTGATATTCAGTTGAAACAGGTTTTCAAACCCCACT
GCTTGTGCTACTGCTTTAGCTTATGAACGTGATGGGAAATCTAGCCACAGGGAGTAAAGTCAAACCT
GTTTTCTCTTTGAAGTGAAAGGGATTATAAGCCGATTGGTTATATTAATACTCTGGACCTGTGTGT
CAGTTAATGTGGTCTCCCATGTCTCATCTGAAAGTACTTTACTAATTATCTGTGAAAATGGCTATATT
CTTGAAGCTCCACTTCCAACCATAAAGCAAGAAGAGGATGATCATGATGTAGTCTCCTATGAAATCAAA
GACATGTGCATAAAATGTTTCCATTTTTCAAGTGTCAAATCTAAGATTCTGAGATTAATAGAAATGAA
AAGAGGGAGAGACAAAGGGAGTTGAAGGAGAAAATAAGGGAAGAAAGGAGGAACAAGCTAGCAGCAGAG
ATGGGAGAAGATGGAGAAAAAGAATTTCAAGGAGGAGGAAGAGGAGAAAGAGGAGGAGGAGGAAGAA
GAGCCATTACCTGAAATATTTATCCGTCAACCCCTCTCCATCCTCTGTGGATTTTCTCAGAGCCA
GGGAAGTTCTGGGTTTCTTTGGGTGGCTATGATCTGGTTTTCTATATCACTGTGAGTTCCTCCCTTGT
GATGAAAGCAGTGATTTCAAAGAACAAGATGAACCTATTGATGTCCGTTATCTTGGGATACAGAG
GACAATCCCATCCAACTATCACTTTCAACATTAAACAAAGTTATGATGTTTTGTGAATGAAAAATGGA
GCAATTCGAGTCTATGCTCTAAATCAAAATGATCCTTCATTGACCAGTTTGGTGGACTACTGGCACTTC
AATATGCATGACAATAATTATGGATGTATTAAGATATTGCTAATAGCTTTGATGATCGTTTCTTGGTG
ACTGCTGGAGCAGATGGCAATATCTTTGTTTCAACATTTTTCTGAATTTATGCTAAGGAAAGACATG
AAGGCCAAAGTTCCATCTCCAGGTTTGAATTTGAAACAGAGCCAATCCAGAAGACATTGAAGATCCC
AAAGCCTACAGTATCGAATGCTAGGAGAAAAAGAGAACATGACAAGTTAATGAAAGAAGTGGGAGAA
ATAAAGGCACGGAAGAGAGAGCAATCAAAGCTTTGAGGAGTGAATTTTGAATCTATTAGAAATGAAT
GAAAAATTACAAAGCATATGCAGTTTAAACGAACAGTAAGCCTAATATA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

ACCN:	NM_018338
Insert Size:	2949 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:	<u>NM_018338.3</u>
RefSeq Size:	3281 bp
RefSeq ORF:	2949 bp
Locus ID:	55779
UniProt ID:	<u>Q96MT7</u>
Cytogenetics:	3q13.2
MW:	111.7 kDa
Gene Summary:	Flagellar protein involved in sperm flagellum axoneme organization and function. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate 3' splice pattern with a distinct 3' coding region and 3' UTR, compared to variant 1. The resulting isoform (2) has a substantially shorter and distinct C-terminus, compared to isoform 1.