

Product datasheet for **SC329158**

WDR44 (NM_001184966) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR44 (NM_001184966) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR44
Synonyms:	RAB11BP; RPH11; SYM-4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001184966, the custom clone sequence may differ by one or more nucleotides

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ATGGCGTCGGAAGCGACACCGAGGAATTCTATGATGCCCTGAAGATGTGCACCTAGGG
GGCGGCTACCCCGTGGGTCTCCAGGAAAAGTTGGGCTTTCAACATTCAGATTATTGAA
AGTATTATTGAGGAGAGTCAAGAACTACTACAGCTTGAAGATGACTCTTTGGATTCCAAA
GGAAAAGAACTCTCTGATCAAGTACTGCCAGTCTATTGTGGCTAGAACAGATCTGAGC
AATATACCCGACTGTTAGCCATAGATCAAGTACTACCGGAAGAATCCAAAAGGCAGAG
AGTCAGAATACATTTGAAGAGACTGAATTAGAATTAATAAATGCTTTCTCTGATGAA
ACCTGTGAGAAACAGTAGATGAAACACGAAGTTAACTCAAACAAGTTCAACTGAGCAG
CTTAATGTGCTTGAAACTGAAACAGAAGTATTGAACAAGGAAGCAGTGGAAGTCAAAGGA
GGTGGTGTGTTTAGAGCCTGTGCTCAGACTCCTTATCTACTAAAGATTTTGGCGCT
GTGGAAGAAGTGGCCCTGCCAAACCCCAAGACACCTTACTCCAGAGCCTGATATAGTG
GCTAGTACAAAGAAGCCTGTTCCAGCACGCCACCTCCTCCAATAATTTCCACCTCCT
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GAAGAGAAGTTACAGTCTCAGCCAACAGATACTGATGGTGAAGGTTAAACAGAAAACG
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TATGGTGAACGTGCTATAAATAAAGTTAAAGTGTAGAGATGAAGTGTTTCATCTGAT
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AAAGCAGCACACGGTTTCAAAGGACCTTATGATTTTGATCAGATCAAAGTGGTGAAGAT
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TATTTCAACAATATGCGAATGAAATACAATACTGAAGGACGTGTGTCCCATCACCTCT
CAGGAAAGTCTAAGTTCATCAAAATCGGATACAGATACAGGGGTATGCAGTGGAAGTAT
GAAGACCTGATGATAAAACGCACCTTTTCGGCAACGGCCATTTTGCAATATAAAGGA
CATACTGCTGATCTCCTTGATCTTTTATGGTCTAAAACTACTTTCTTCTTTCTTCTTCA
ATGGATAAAACAGTCAGATTATGGCACATTTCTCGAAGAGAATGCCTTTGCTGTTTTCAA
CATATAGATTTTGTCACTGCCATAGCTTTTTCATCCAAGACATTTGAAATACCATACACAA
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CCTTTACCTGGAGAAAATAAGATATTGGTAACCTCAAATGACTCCAGAATCAGACTATAT
GATTTGAGAGATTTGTCACTATCCATGAAGTATAAGGGTTACGTCAATAGCAGCAGCCAG
ATCAAAGCAAGTTTCAGCCATGATTTTACTTACCTCGTTAGTGGTTCAGAAGATAAGTAT
GTTTATATCTGGAGTACCTACCATGACCTAAGCAAGTTTACTTCAGTCAGGAGAGATCGT
AATGACTTCTGGGAAGGTATTAAGCCCAATGCAGTTGTTACATCAGCCATCTTTGCA
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AAAAGTGAAGATGCTGAAGTTTGGATGCCACACCTTCTGGTATTATGAAGACAGATAAC
ACAGAAGTTCTTCTCTGCTGACTTCACTGGAGCAATCAAAGTGTGTTAATAAAAGA
AAAAATGTATCTTAA

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Restriction Sites: Please inquire

ACCN: NM_001184966

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_001184966.1, NP_001171895.1</u>
RefSeq Size:	3893 bp
RefSeq ORF:	2475 bp
Locus ID:	54521
UniProt ID:	<u>Q5JSH3</u>
Cytogenetics:	Xq24
Gene Summary:	This gene encodes a protein that interacts with the small GTPase rab11. A similar protein in rat binds the GTP-containing active form of rab11. This protein may play a role in endosome recycling. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010] Transcript Variant: This variant (3) lacks two in-frame exons in the coding region, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.