

Product datasheet for **SC321894**

WDR76 (NM_024908) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR76 (NM_024908) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR76
Synonyms:	CDW14
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_024908.1
 CCGGCCGCTAAGAAGCCGAAAGATGTCCAGGTCGGGCGCGGCGGCTGAGAAGGCGGACTC
 CAGACAGCGACCCAGATGAAGGTAAATGAATATAAAGAAAAACAAAACATCGCTTATGT
 GTCTCTGAGACCAGCACAGACTACAGTTTTAATAAAAAACAGCTAAGGTCTATCTTGCCCC
 CTTTCTACTCAGTAATTACCAGCTAGACCAGCTTATGTGCCCCAAATCCCTATCAGAAAA
 GAATTCTAACAATGAAGTGGCGTGTAAGAAGACTAAAAAAGAAAACTTGCAAGAGGAT
 TATACCTCCAAAGATGAAAAACACATCTTCCAAGGCAGAATCCACGCTGCAAAATTCATC
 CTCAGCTGTTTCACTGAAAGTAACAAGCTACAACCAAGAGAACGGCAGATGCGATGAA
 TCTCAGTGTTGATGTGGAAGTAGTCAGGATGGAGACAGTGATGAAGATACCACACCAGC
 CCTGGATTTTTCGGGATTGTCAACCTACGAAAGGAAGAGACTGAAGAACATATCAGAAAA
 CGCAGACTTTTTGCTTCTCTTCACTGTCTGAGTCTGCTGCAAGACTCCGTGAAATGAT
 AGAGAAGAGACAGCCTCCTAAATCCAAAGAAAGAGCCTAAGAGAGAAAAATGGGATTGG
 ATGTAGAAGGTCAATGCGATTACTAAAAGTTGATCCTTCGGGAGTTTCATTACCAGCAGC
 TCCAACACCGCCGACATTAGTAGCAGATGAAACTCCTTTGTTACCTCCTGGGCCTTTAGA
 AATGACTTCTGAAAAAACAAGAAGACAACAATGAACGATTTAAAGGATTTCTGCACACATG
 GGCAGGAATGAGCAAGCCAAGTAGTAAGAACACTGAGAAGGGATTATCTAGCATTAAAAAG
 CTACAAAGCCAATTTAAATGGCATGGTCATTAGTGAAGATACCGTTTACAAAGTTACCAC
 AGGCCCAATATTCTCTATGGCTCTCCATCCATCAGAACTAGAACTTTGGTAGCAGTTGG
 GGCCAAATTTGGGCAAGTTGGACTTTGTGATTTGACCCAGCAACCTAAAGAAGATGGAGT
 TTATGTTTTTCATCCCATAGTCAGCCAGTTAGCTGTCTTTACTTCTACCCGCCAATCC
 GGCCACATACTGTCACTGAGCTATGATGGCACGTTACGCTGTGGGGATTTTCCAGGGC
 TATTTTTGAAGAGGTGTATAGAAATGAAAGAAGTAGCTTTCTCCTTCGACTTCTTGGC
 AGAAGATGCCTCCACTTTAATAGTAGGACACTGGGATGGAAATATGCTACTGGTGGATAG
 ACGGACACCTGGAACTTCTTATGAGAACTTACCAGTTCTTCTATGGGAAAAATAAGAAC
 TGTTTCATGTCCACCCAGTGCATAGACAGTATTTTATCACTGCCGATTGAGGGATACTCA
 TATTTATGATGCAAGGCGATTGAATTCAGGAGAAGTCAGCCTTTGATTTCTTTGACTGA
 ACATACAAAGAGCATTGCTTCCGCCTATTTTTCACCTCTTACTGGTAACAGAGTGGTGAC
 CACATGTGCTGATTGTAATCTGAGAATTTTGGACAGCAGCTGTATATCTTCTAAGATTCC
 GCTCCTCACCACCATCAGGCACAACACTTTCAGTGGGCGATGGCTGACCAGGTTCCAAGC
 CATGTGGGATCCTAAACAAGAAGACTGTGTCATAGTTGGCAGCATGGCCATCCACGACG
 GGTAGAAATCTTCCATGAGACAGGAAAGAGGGTGCATTGTTGGTGGAGAATACCTTGT
 CTCTGTGTGTTCCATCAATGCCATGCACCAACTCGGTATATTTTGGCTGGAGGTAATTC
 CAGCGGGAAGATACATGTTTTATGAATGAAAAAAGCTGCTGAGTTTTTGGTTTAGGAAC
 ATCAATTTGTTCAAATTGACCACTGTCTAAGGAGCCTAGTAATCGGCGTGCCCTAGTGTG
 TTTATGTGGTAATGTGTTACATTTAGCAATTATAACATTGTTTTATTAATAAGACTATAA
 GAAGAGTGTACTTTTAGTAAGGGAGAAGTCTTGGAGGGTTGCTTCTGCAGGACGGGGAGG
 GAATTTGAGGGGAGGCTGAGGTGCCGTCAGGACTTTTTTTTTTTTTTTTTTTTTTTGAGAT
 GGAGTTTTGCTCTTGTGCCCCAGGCTGGAGTGCAATAGCGCGATCTTGGCTCACCAGCAAC
 CTCCGCTCCAGGTTCAAGCGATTCTCCTGCCTCAGACTCCTAAGTAGCTGGGATTACA
 GGCACCTGCCACCACGCTGGCTATTTTTTTGTATTTTATAGTAGAGATGGGGTTTCATCA
 TGTGGCCAGGCTGGTCTCGAGCTCCTGACCTCAGGTGATCTGCCCGCTCGGCCTCCAA
 AAGTGCTGGAATTACAGGCGTGAGCCACCATGCCTGGCCATCAGAACTTGAATCAAGAC
 AGTATGTTGAGAAATCTAACATTATAAATTACAAAGCTTTGACTATTAAAGTTTTTGTG
 ATCTAATGATAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024908

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_024908.1</u> , <u>NP_079184.1</u>
RefSeq Size:	2525 bp
RefSeq ORF:	1881 bp
Locus ID:	79968
UniProt ID:	<u>Q9H967</u>
Cytogenetics:	15q15.3
Domains:	WD40
Gene Summary:	Specifically binds 5-hydroxymethylcytosine (5hmC), suggesting that it acts as a specific reader of 5hmC.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.