

Product datasheet for **SC328917**

WDR76 (NM_001167941) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR76 (NM_001167941) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR76
Synonyms:	CDW14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:	>NCBI ORF sequence for NM_001167941, the custom clone sequence may differ by one or more nucleotides <pre> ATGTGCCCCAAATCCCTATCAGAAAAGAATTCTAACAATGAAGTGGCGTGTAAAGAAGACT AAAATAAAGAAAACCTTGCAGAAGGATTATACCTCCAAAGATGAAAAACACATCTTCCAAG GCAGAATCCACGCTGCAAAATTCATCCTCAGCTGTTTACTACTGAAAGTAACAAGTACAA CCCAAGAGAACGGCAGATGCGATGAATCTCAGTGTGATGTGGAAAGTAGTCAGGATGGA GACAGTGATGAAGATACCACACCATCCCTGGATTTTTCGGGATTGTCACCCTACGAAAGG AAGAGACTGAAGAACATATCAGAAAACGCAGACTTTTTTGGCTTCTCTTCAGTTGTCTGAG TCTGCTGCAAGACTCCGTGAAATGATAGAGAAGAGACAGCCTCCTAAATCCAAAAGAAAG AAGCCTAAGAGAGAAAATGGGATTGGATGTAGAAGGTCAATGCGATTACTAAAAGTTGAT CCTTCGGGAGTTTCATTACCAGCAGCTCCAACACCGCCGACATTAGTAGCAGATGAACT CCTTTGTACCTCCTGGGCCTTTAGAAATGACTTCTGAAAATCAAGAAGACAACAATGAA CGATTTAAAGGATTTCTGCACACATGGGCAGGAATGAGCAAGCCAAGTAGTAAGAACACT GAGAAGGGATTATCTAGCATTAAAAGCTACAAAGCCAATTTAAATGGCATGGTCATTAGT GAAGATACCGTTTACAAAGTTACCACAGGCCCAATATTCTCTATGGCTCTCCATCCATCA GAAACTAGAACTTTGGTAGCAGTTGGGGCCAAATTTGGGCAAGTTGGACTTTGTGATTTG ACCCAGCAACCTAAAGAAGATGGAGTTTATGTTTTTCATCCCCATAGTCAGCCAGTTAGC TGTCTTTACTTCTCACCCGCCAATCCGGCCACATACTGTCACTGAGCTATGATGGCAGC TTACGCTGTGGGATTTTCCAGGGCTATTTTGAAGAGGTGTATAGAAATGAAAGAAAGT AGCTTTTCTCCTCGACTTCTTGGCAGAAGATGCCTCCACTTTAATAGTAGGACACTGG GATGGAATATGTCACTGGTGGATAGACGGACACCTGGAACCTTCTATGAGAACTTACC AGTTCTTCTATGGGAAAAATAAGAACTGTTTCTGTCCACCCAGTGCATAGACAGTATTTT ATCACTGCCGATTGAGGGATACTCATATTTATGATGCAAGGCGATTGAATTCAGGAGA AGTCAGCCTTTGATTTCTTTGACTGAACATACAAAGAGCATTGCTTCCGCCTATTTTCA CCTCTTACTGGTAACAGAGTGGTGACCACATGTGCTGATTGTAATCTGAGAATTTTTCGAC AGCAGCTGTATATCTTCTAAGATTCCGCTCCTCACCACCATCAGGCACAACACTTTCACT GGGCGATGGCTGACCAGTTTCAAGCCATGTGGGATCCTAAACAAGAAGACTGTGTCATA GTTGGCAGCATGGCCATCCACGACGGGTAGAAATCTTCCATGAGACAGGAAAGAGGGTG CATTCGTTTGGTGGAGAATACCTTGTCTGTGTGTTCCATCAATGCCATGCACCCAAC CGGTATATTTGGCTGGAGGTAATTCAGCGGGAAGATACATGTTTTATGAATGAAAAA AGCTGCTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001167941
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_001167941.1, NP_001161413.1</u>
RefSeq Size:	3927 bp
RefSeq ORF:	1689 bp
Locus ID:	79968
UniProt ID:	<u>Q9H967</u>
Cytogenetics:	15q15.3
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 (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than 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.