

Product datasheet for **SC327074**

WDR25 (NM_001161476) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR25 (NM_001161476) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR25
Synonyms:	C14orf67
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_001161476, the custom clone sequence may differ by one or more nucleotides <pre> ATGACAGCAAGAACTCTGTCTTTAATGGCTTCATTGGTAGCGTATGATGATTCGGACTCG GAGGCTGAGACAGAGCATGCAGGAAGTTTTAATGCTACCGGCCAGCAGAAAGACACTTCT GGTGTGGCCAGACCACCTGGGCAGGATTTTGCATCTGGTACACTGGATGTGCCCAAAGCA GGGGCAGAGCCCAAAAGCATGGCTCCTGTGAAGACCCAGGGGGCTATCGCCTTCCATTG GCTCAGCTTGGGAGAAGCGATTGGGGATCTTGCCCCAGCCAGAGGCTACAGTGGCCCGGG AAGGAGCCTCAAGTCACCTTCCCATCAAAGAGCCTTCTGTTCTTCTCTGTGGACGAGC CATGTTCCAGCCAGCCACATGCCCTGGCAGCTGCCCGCTTAAAGCAAGTAAACTCTCC AGGAACTTTCCCAAGTCATCTTCCATGCTCAAAGTGAGTCTGAAACCGTAGGTAATAAT GGCAGCTCTTTTCAAGAAAAAATGTGAGGACTGTGTGGTACCCTATACTCCAGAAGA CTAAGACAGCGGCAGGCATTAAGCACGGAGACAGGCAAGGGTAAGACGTGGAGCCACAG GGGCCCCCTGCAGGGCGTCCCCAGCCCCTCTACGTGGGCCCGGAGTGTCTGAGTTT ATTCAGCCATATTTGAATAGCCATTATAAAGAAACACAGTTCGCCGAAAGTGCTTTTC CACCTGAGAGGCCACAGGGGCCCTGTCAACACCATTACGTGGTGTCCAGTCTTTCTAAG AGCCACATGCTTCTCTCACTTCTATGGATAAACTTTCAAGGTATGGAACGCCGTGGAC TCCGGGCACTGCCTGCAGACCTACTCCCTGCACACAGAGGCAGTGCGGGCCGCCCGTGG GCTCCCTGTGGCCGGCGCATCCTCAGTGGTGGCTTTGACTTCGCGCTGCACCTAACAGAC CTTGAAACAGGAACCCAGCTATTTAGTGGTGAAGTGACTTTAGAATCACTACCTTGAA TTCCATCCAAAAGACCACAACATCTTTTATGTGGAGGCTTCAGTCTGAAATGAAAGCT TGGGATATAAGGACTGGCAAGGTGATGAGAAGCTACAAGGCGACCATCCAGCAGACCTTG GACATCCTGTTCCTCCGGAAGGCTCCGAGTTCCTGAGCAGCACAGACGTTCCACCCGG GACTCAGCTGACCGCACCATTATTGCCTGGGATTTCCGGACCTTGCCAAAATCTCCAAC CAGATTTTCCACGAGAGGTTACCTGCCCCAGCCTCGCCTTGACCCGAGAGAGCCCGTG TTCTGACACAGACCAATGGCAACTACCTGGCCCTTTTCTCACTGTGTGGCCCTACCGG ATGAGCAGACGGCGCGCTATGAAGGCAAGGTGGAGGGCTACTCAGTGGGCTGCGAG TGCTCCCCAGGCGGTGACTTGCTGGTGACGGGCAGCGCCGATGGCCGGTCTGATGTAC AGCTTCCGCACAGCCAGCCGAGCATGCACACTGCAGGGGCACACAGGCCTGTGTCGGC ACCACCTATACCCCGTGCTGCCCTCCGTCCTCGCCACCTGCTCCTGGGAGGGGACATG AAGATCTGGCAC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001161476
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_001161476.1, NP_001154948.1</u>
RefSeq Size:	1990 bp
RefSeq ORF:	1635 bp
Locus ID:	79446
UniProt ID:	<u>Q64LD2</u>
Cytogenetics:	14q32.2
Gene Summary:	This gene encodes a protein containing 7 WD repeats. WD repeats are approximately 30 to 40-amino acid domains containing several conserved residues, typically having a Tryptophan-Aspartic acid dipeptide (WD) at the C-terminal end. WD domains are involved in protein-protein interactions in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 through 4 encode the same isoform (a). 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.