

## Product datasheet for **SC103173**

### WDR68 (DCAF7) (AK025925) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDR68 (DCAF7) (AK025925) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR68
Synonyms:	AN11; HAN11; SWAN-1; WDR68
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for AK025925, the custom clone sequence may differ by one or more nucleotides

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AGACTGTCCATTGCATGGCTGTGGAGTGAGACTGCCCTTAGCCTGGGTGAGCCTTCTGGGCCATAAAT
GGGCATCCGTGATGCTAGGTAAGTGTGGGAACAAAATGACAGCTTAGAGCAGCCATGGGTGATGTTTGGT
GGTAAAAAACCTACAGGCGTTTGGGGTCCCATGATTGTTCCAGACCATGACTCTTCTGGTTGTGGGTTT
GTTACAGAGCAGGAGAAGCAGAGGTTATGACAGTTATGCAGACTTCCCCCTCCTTTTTCTTTTTCTCT
TCCCCCTGCTTTTCCACTGTTTCTTCTGCTGCCACCTGGGCCTTGAATTCCTGGGCTGTGAAGACATGT
AGCAGCTGCAGGGTTTACCACACGTGGGAGGGCAGCCAGTACTGTCCCTCTGCCTTCCCCACTTTGAGA
ATATGGCAGCCCCCTTTCATTCTGGCTTGGGGTAGGGGAGACCATTGAAGTAGAAGCCTCAAAGCAGACT
TTTCCCTTACTGTGTACTCCAGGACGAAGAAGGAAGATCATGCTTGATACTTAGATTGGTTTTCCCA
GGGAAGAGGGCGGAGCAGAGCAAAGTCACTGTGAACCCCTGGGCCAGGCCCTGGCTGGGCCAGCTCCTGAG
AGCGTCTCGTGTGCAGACCCTTGCCACTTCACCCACCTGCACCTTCTCCCCCTCACAGTGCAGTGC
CTGCTAATGGTCAAAGTCAAATGTGTGGCCACATGGGATGGGCCAGGTCCTCTCAGGCTACTTTCTGGAT
GTCATTTTTAAAAATATGAAACATGCAGGTGCCTTCCCAAAGAGGCTTGGACTGGTATATCCAACGAGAA
ACAAAATAAGCTAAAGAAAGTTTAAACTCAAGAAGAAAGATGTTGACAGTCTATGTAACAGCTGAAAAGT
TATAGGCACCCACCTTTGGGACAACCCAGTGATTATGAACATGTGATATCTACTATTTAAAAAGAAATGTT
CTCACCTTGGGTTGATTGTGGTATACCATGTGTTATGAAAATTGTTGAGCTGAAGCTTTGAATCGATTTA
GTTGAGTCTGACTCACTTGTCTTGGTCCCTGTGTATTTTACTACCCCTCTGTGAGTGCACCTTCTTCCC
CACCCACCCAGAGTGAATTTGTAGCATGATTGTATAACCTCTATGTAGAAAATGGAGATTTCTTGCTC
TGAATGTTAAGCTCTAACTGATCCATTTCTGTGTCCTTAGCCTAGTATGTCTGAACTCCATTCTTGT
TATATATTTAACTTTCCCTCTATATTAGTTTTGTGGCATCCAGGTCAGGTGAGGAAAGTGC
CCTTGCAAGTGTACTGTAATATTTTTCTTTTATAAATATTTTACAGGACTGATTGTACACAGGGCTT
GTAATAAAATTCTAACACTGTGCTGTGAAACAATATGGGAATCTCCATTGAAGCTACTTTCATGGGCA
CCTGAAAGTGGAGTGTATAGCTATGACTTTCTATTTCTGTTTCTTAAGTAAATTAACCTAATTTTCA
CCCTTTCATTCTGTTTCAGCCTCCTGTATAAGAAGTACCGTATTTTCTGCCATCATACTTTGTAATAAA
ACTTGAACATGTAAAAAATAAAAAAAAAA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for AK025925 unedited

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NNGGTCAAATTTGATACACTATTAGCGCGCGGATTCGCCGAGGAACTGGCTAAATTAGAA
GAACAAAAATCAGAATCCTACAAGTTTTGATGACAATTAGGGCCAAAATTTTAGGAGG
AGATGTAGGATGCAGGAGAAAATTAAGTGTTTCTTTATATCAGAGGAGGAAATAGTAG
AGGTCACTGAAGGTCTGGGGTAGGGAACATTCACTGTCATTGCATGGCTGTGGAGT
GAGACTGCCCTTAGCCTGGGTGAGCCTTCTGGGCCATAAATGGGCATCCGTGATGCTA
GGTAAGTGTGGGAACAAAATGACAGCTTAGAGCAGCCATGGGTGATGTTTGGTGGTAAA
AACCTACAGGCGTTTGGGGTCCCATGATTGTTCCAGACCATGACTTCTCCTGGTTGTGGG
TTTGTTACAGAGCAGGAGAAGCAGAGGTTATGACAGTTATGCAGACTTCCCCCTCCTTT
TTCTCTTTTCTCTCCCCCTGCTTTTCCACTGTTTCTTCTGCTGCCACCTGGGCCTTGA
ATTCTGGGCTGTGAAGACATGTAGCAGCTGCAGGGTTTACCACACGTGGGAGGGCAGCC
CAGTACTGTCCCTCTGCCTTCCCCACTTTGAGAATATGGCAGCCCCTTTCATTCTGGCT
TGGGGTAGGGGAGACCATTGAAGTAGAAGCCTCAAAGCAGACTTTTCCCTTACTGGTGT
GTACTCCAGGACGAAGAAGAAGATCATGCTTGATACTTAGAATTGGTTTTCCAGNGGA
AGAGGGCGGAGCAGAGCANAGTCACTGNTGAACCCCTGGGCCANGCCNTGGCTGGNGCCA
GCNNTCTGAGAGCGTNCCTGTTGTCAGACCCCTTGGCACTTNNNACCACCTGCACCT
TCTNCCCTCTNACAGTGTCAA
    
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**Restriction Sites:** NotI-NotI  
**ACCN:** AK025925  
**Insert Size:** 2000 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">AK025925.1</a>
<b>RefSeq Size:</b>	1638 bp
<b>RefSeq ORF:</b>	1638 bp
<b>Locus ID:</b>	10238
<b>Cytogenetics:</b>	17q23.3
<b>Gene Summary:</b>	This gene encodes a protein with multiple WD40 repeats which facilitate protein-protein interactions and thereby enable the assembly of multiprotein complexes. This protein has been shown to function as a scaffold protein for protein complexes involved in kinase signaling. This highly conserved gene is present in eukaryotic plants, fungi, and animals. The ortholog of this gene was first identified in plants as a key regulator of anthocyanin biosynthesis and flower pigmentation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]