

Product datasheet for SC317530

WDR68 (DCAF7) (NM_005828) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR68 (DCAF7) (NM_005828) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR68
Synonyms:	AN11; HAN11; SWAN-1; WDR68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317530 representing NM_005828. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCCTGCACGGCAAACGGAAGGAGATCTACAAGTATGAAGCGCCCTGGACAGTCTACCGGATGAAC
TGGAGTGTGCGGCCGATAAAGCGCTTTCGCTTGGCGCTGGGCAGCTTCGTGGAGGAGTACAACAACAAG
GTTTCAGCTTGTGGTTTGTAGATGAGGAGAGTTCAGAGTTTATTTGCAGAAACACCTTTGACCACCCATAC
CCCACCACAAAGCTCATGTGGATCCCTGACACAAAAGGCGTCTATCCAGACCTACTGGCAACAAGCGGT
GACTATCTCCGTGTGTGGAGGGTTGGTGAACAGAGACCAGGCTGGAGTGTTCGTAACAATAATAAG
AACTCTGATTTCTGTGCTCCCTGACCTCCTTTGACTGGAATGAGGTGGATCCTTATCTTTTAGGTACC
TCAAGCATTGATACGACATGCACCATCTGGGGCTGGAGACAGGGCAGGTGTTAGGGCGAGTGAATCTC
GTGCTCGCCACGTGAAGACCCAGCTGATCGCCATGACAAAGAGGTCTATGATATTGCATTTAGCCGG
GCCGGGGTGGCAGGGACATGTTTGCCTCTGTGGTGTGATGGCTCGGTGCGGATGTTTGACCTCCGC
CATCTAGAACACAGCACCATCATTTACGAAGACCCACAGCATCACCCACTGCTTCGCCTCTGCTGGAAC
AAGCAGGACCCTAACTACCTGGCCACCATGGCCATGGATGGAATGGAGGTGGTATTCTAGATGTCCGG
GTTCCCTGCACACCTGTGCCAGGTTAAACAACCATCGAGCATGTGTCAATGGCATTGCTTGGGCCCA
CATTATCCTGCCACATCTGCACTGCAGCGGATGACCACCAGGCTCTCATCTGGGACATCCAGCAAATG
CCCCGACCATTTGAGGACCCTATCCTGGCCTACACAGCTGAAGGAGAGATCAACAATGTGCAGTGGGCA
TCAACTCAGCCCGACTGGATCGCCATCTGCTACAACAACCTGCCTGGAGATACTCAGAGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_005828
Insert Size:	1029 bp



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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:	<ol style="list-style-type: none"> 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:	NM_005828.4
RefSeq Size:	6394 bp
RefSeq ORF:	1029 bp
Locus ID:	10238
UniProt ID:	P61962
Cytogenetics:	17q23.3
Domains:	WD40
MW:	38.9 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. 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.</p>