

Product datasheet for **SC307274**

WDR21A (DCAF4) (NM_181341) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR21A (DCAF4) (NM_181341) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCAF4
Synonyms:	WDR21; WDR21A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307274 representing NM_181341. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGAATAAAAAGTCGCTGGCAGAGTAGAAGACGACATGGGAGAAGAAGCCACCAGCAGAACCCTTGGTTTC
AGACTCCGTGATTCTGAAGACAGGTCTGACTCCCGGGCAGCACAGCCCGCTCACGATTCGGCCACGGT
GATGACGAGTCTCCGTCAACCTCGTCTGGCACAGCTGGGACCTCCTCTGTGCCAGAGCTACCTGGTTTT
TACTTTGACCCTGAAAAGAAACGCTACTTCCGCTTGCTCCCTGGACATAACAACGCAACCCCTGACG
AAAGAGAGCATCCGGCAGAAGGAGATGGAGAGCAAGAGACTGCGGCTGCTCCAGGAAGAAGACAGACGG
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GGTATCATCAACCTGCAAAGTCTGAAGACCCCTACGCTCAAGGTGTTATGCACGAAAACCTCTACTTC
ACCAACCGGAAGGTGAATTCGGTGTGCTGGGCCTCGCTGAATCACTTGGATTCCCACATTCTGCTATGC
CTCATGGGACTCGCAGAGACTCCAGGCTGTGCCACCCTGCTCCCAGCATCACTGTTTCGTC AATAGTCAC
CCAGCAGGAATAGACCGGCTGGCATGCTCTGCAGTTCCGGATCCCTGGTGCCTGGTCTGTGCCTGG
TCCCTGAATATCCAAGCAAATAACTGCTTCACTACAGGCTTGTCTCGGCGGGTCTGTGACCAACGTG
GTGACGGGACACCGGCAGTCCTTTGGGACCAACAGTGATGTCTTGGCCAGCAGTTTGTCTCATGGCT
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AGGCAGTACGAAGGCCACGTGAATGAGTACGCCTACCTGCCCTGCATGTGCACGAGGAAGAAGGAATC
CTGGTGGCAGTGGCCAGGACTGCTACACGAGAATCTGGAGCCTCCACGATGCCCGCTACTGAGAACC
ATACCCTCCCGTACCCTGCCTCCAAGGCCGACATTCCAGTGTGGCCTTCTCGTCGCGGCTGGGGGGC
TCCCGGGCGCGCGGGGCTGCTCATGGCTGTCCGGCAGGACCTTACTGTTACTCTACAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	□
ACCN:	NM_181341
Insert Size:	1308 bp
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_181341.2
RefSeq Size:	2388 bp
RefSeq ORF:	1308 bp
Locus ID:	26094
UniProt ID:	Q8WV16
Cytogenetics:	14q24.2
MW:	48.8 kDa
Gene Summary:	<p>This gene encodes a WD repeat-containing protein that interacts with the Cul4-Ddb1 E3 ligase macromolecular complex. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2009]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site and lacks two alternate exons in the coding region, compared to variant 1, resulting in an isoform (3) that is shorter than isoform 1.</p>