

Product datasheet for **SC321170**

WDR21A (DCAF4) (NM_015604) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR21A (DCAF4) (NM_015604) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR21A
Synonyms:	WDR21; WDR21A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_015604.2
 ATCCGGAAGGGACACGCTGAACAGGAACAGAAATGAATAAAAAGTCGCTGGCAGAGTAGAA
 GACGACATGGGAGAAGAAGCCACCAGCAGAACCCTTGGTTCAGACTCCGTGATTCTGAAG
 ACAGGTCTGACTCCCGGGCAGCAGCCCGCTCACGATCCGGCCACGGTGATGACGAGT
 CTCGGTCAACCTCGTCTGGCACAGCTGGGACCTCCTCTGTGCCAGAGCTACCTGGGTTTT
 ACTTTGACCTGAAAAGAAACGCTACTTCCGCTTGCTCCCTGGACATAACAACGCAACC
 CCCTGACGAAAGAGAGCATCCGGCAGAAGGAGATGGAGAGCAAGAGACTGCGGCTGCTCC
 AGGAAGAAGACAGACGGAAAAAGATTGCCAGGATGGGATTTAATGCATCTTCCATGCTAC
 GAAAAAGCCAGCTGGGTTTTCTCAACGTACCAATTAAGTCCATTTAGCCACAGAGCTGC
 GTCTCAGCTGCATGGAGAGGAAAAAGTCCAGATTGCAAGCATGGATCCCTCCGCTTGG
 CAAGCGACCGATTTAACCTCATACTGGCAGATACCAACAGTGACCGGCTCTTACAGTGA
 ACGATGTTACAGTTGGAGGCTCCAAGTATGGTATCATCAACCTGCAAAGTCTGAAGACCC
 CTACGCTCAAGGTGTTTATGCACGAAAACCTCTACTTCACCAACCGGAAGGTGAATTCGG
 TGTGCTGGGCTCGTGAATCACTTGGATCCCACATTCTGCTATGCCTCATGGGACTCG
 CAGAGACTCCAGGCTGTGCCACCCTGCTCCAGCATCACTGTTTCGTCATAGTCAACCCAG
 GAATAGACCGGCTGGCATGCTCTGCAGTTCCGGATCCCTGGTCCCTGGTCTGTGCTGCT
 GGTCCCTGAATATCCAAGCAAATAACTGCTTACAGTACAGGCTTGTCTCGGCGGGTCTGT
 TGACCAACGTGGTGACGGGACACCGGACGTCCTTTGGGACCAACAGTGATGTCTTGGCCC
 AGCAGTTTGCTTTCATGGCTCCTCTGCTGTTTAAATGGCTGCCGCTCTGGGGAAATCTTTG
 CCATTGATCTGCGTTGTGGAAATCAAGGCAAGGGATGGAAGGCCACCCGCTGTTTCATG
 ATTCAGCAGTGACCTCTGTGCGGATCCTCAAGATGAGCAATACCTGATGGCTTCAGACA
 TGGCTGGAAAGATCAAGCTGTGGGACCTGAGGACCACGAAAGTGCCTAAGGAGTACGAAG
 GCCACGTGAATGAGTACGCTACCTGCCCCTGCATGTGCACGAGGAAGAAGGAATCCTGG
 TGGCAGTGGGCCAGGACTGTACACGATAATCTGGAGCCTCCACGATGCCCGCTCTGA
 GAACCATACCCTCCCGTACCCTGCCTCCAAGGCCGACATTCACAGTGTGGCCTTCTCGT
 CGCGGCTGGGGGCTCCCGGGGCGCGCGGGGCTGCTCATGGCTGTGGGCAGGACCTTT
 ACTGTTACTCCTACAGCTAATTCTGCAGGGCACAGCCAGAGCCATGTGGATTTGACTTA
 CGGGAGTAAAGCGTAACCTTTTACTGCATCTAATGAGGGTGTTTAAGTGACACTCAGTG
 TACACAGATCCCATCCTCTGGCTGCTAGGAGAGAAGTGTGAATGTTCCGTGTGGAGATG
 CTCAGGAAAGTTATTTGAGTTAAATTTGCTGGCTGAGAGAGCTTGGAAAGTCTTTTCATAA
 AAGGTACCTCTTTCTTTTCTTATTGAATCTTAGAAGTCTAGTTAACCTCCCTGCCTTT
 TCTTAACAAAAAGGACTTTTCTAAGGACTGAAGATTGGCAAAAAAGGAAAGCTTCTTCTCT
 CCAAGAGCCCATGAAGAAGCCAGTGATGAGACGGTGAGATGGTTTGAATCCTCGGTGC
 CTGGGTAGCAGGAAGAAAGACCTGCATCCTGCATCTGTACTTGGGGAAGCCAGCGGAGAG
 GACGGGGAGGTTACTTCTCTAAGTTTCTGCAGAAATATTGAAGGCTGGAGTTTGGAAATCC
 TTAACCTTGGCCTTCTCAAACCTCAGCAGCAGATCTCCAGGATTCTGCTGTTATTATCCAA
 AGGCGTTGGAAGGAAAGATGGATCTTCTTACATGCTAGAAGTTTTAAACGGTCTTAACA
 TGCTTTTGTTCAGCACCTTCCAGAATGTAAGGTTTCCAGCAGCTCTGGTTTCTATTACGGT
 GACTTGAATGTCAGATTCAAGGGCCCGGCTCAAAGGAAATTGGTTTTGACTTTTTGTAA
 TCTAGGAGCGACAGTTCTGTGAGATGTTTATTCAGTGTTAAAGAGCCTGTTTTTCTACCAA
 ACAATAAAACCAAGAGAAGTCAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_015604

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:	<u>NM_015604.2</u> , <u>NP_056419.2</u>
RefSeq Size:	2563 bp
RefSeq ORF:	1488 bp
Locus ID:	26094
UniProt ID:	<u>Q8WV16</u>
Cytogenetics:	14q24.2
Domains:	WD40
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 (1) encodes isoform 1.</p>