

Product datasheet for **SC124937**

WDR21A (DCAF4) (NM_181340) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR21A (DCAF4) (NM_181340) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR21A
Synonyms:	WDR21; WDR21A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124937 sequence for NM_181340 edited (data generated by NextGen Sequencing)

```

ATGGAGAGCAAGAGACTGCGGCTGCTCCAGGAAGAAGACAGACGGAAAAAGATTGCCAGG
ATGGGATTTAATGCATCTTCCATGCTACGAAAAAGCCAGCTGGGTTTTCTCAACGTCACC
AATTACTGCCATTTAGCCACAGCTGCGTCTCAGCTGCATGGAGAGGAAAAAGTCCAG
ATTCGAAGCATGGATCCCTCCGCCTTGGCAAGCGACCGATTAACTCATACTGGCAGAT
ACCAACAGTGACCGGCTTTCACAGTGAACGATGTTAAAGTTGGAGGCTCCAAGTATGGT
ATCATCAACCTGCAAAGTCTGAAGACCCCTACGCTCAAGGTGTTTCATGCACGAAAACCTC
TACTTCACCAACCGGAAGGTGAATTCGGTGTGCTGGGCCGCTGAATCACTTGGATTCC
CACATTCTGCTATGCCTCATGGGACTCGCAGAGACTCCAGGCTGTGCCACCCTGCTCCA
GCATCACTGTTTCGTCATAGTCACCCAGGAATAGACCGGCTGGCATGCTCTGCAGTTTC
CGGATCCCTGGTGCCTGGTCTGTGCCTGGTCCCTGAATATCCAAGCAAATAACTGCTTC
AGTACAGGCTTGTCTCGGCGGGTCTGTTGACCAACGTGGTGACGGGACACCGGCAGTCC
TTTGGGACCAACAGTGATGTCTTGGCCAGCAGTTTGTCTCATGGCTCCTCTGCTGTTT
AATGGCTGCCGCTCTGGGAAATCTTTGCCATTGATCTGCGTTGTGGAAATCAAGGCAAG
GGATGGAAGGCCACCCGCTGTTTCATGATTACAGCAGTGACCTCGGTGCGGATCCTCCAA
GATGAGCAATACCTGATGGCTTCAGACATGGCTGGAAAGATCAAGCTGTGGGACCTGAGG
ACCACGAAGTGCCTAAGGCAGTACGAAGGCCACGTGAATGAGTACGCCTACCTGCCCTG
CATGTGCACGAGGAAGAAGGAATCCTGGTGGCAGTGGGCCAGACTGCTACACGAGAATC
TGGAGCCTCCACGATGCCCGCTACTGAGAACCATACCCTCCCCGTACCCTGCCTCCAAG
GCCGACATTCCCAGTGTGGCCTTCTCGTCGCGGCTGGGGGGCTCCCGGGGCGCGCGGGG
CTGCTCATGGCTGTCGGGCAGGACCTTTACTGTTACTCTACAGCTAA

```

Clone variation with respect to NM_181340.2
825 t=>g



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_181340 unedited ATTTGTGATACGACTCACTATAGGGCGGCACGCGATTCCGGCACGATAAGGACCGCTGAAC AGGAACAGAAATGAATAAAAGTCGCTGGCAGAGTATAATACGACATGGGAGAAGAAGCCA CCAGCAGAACCCTTGGTTCATACTCCGTGATTCTGAAGACAGGTCTGACTCCCGGGCAGC ACAGCCCCTCACGATCCGGCCACGGTGATGACGAGTCTCCGTCAACCTCGTCTGGCAC AGCTGGGACCTCCTCTGTGCCAGAGCTACCTGGGTTTTACTTTGACCCTGAAAAGAAACG CTACTCCGCTTGCTCCCTGGACATAACAACGCAACCCCTGACGAAAGATAGCATCCG GCAGAAGGAGATGGAGAGCAAGATACTGCGGCTGCTCCAGGAAGAAGACAGACGGAAAAA GATTGCCAGGATGGGATTTAATGCATCTTCCATGCTACGAAAAAGCCAGCTGGGTTTTCT CAACGTACCAATTACTGCCATTTATCCCACGAGCTGCGTCTCATCTGCATGGAGAGGAA AAAGGTCCAGATTCGAAGCATGGATCCCTCCGCTTGGCAAGCGACCGATTTAACCTCAT ACTGGCAGATACCAACAGTGACCGGCTTTCACAGTGAACGATGTTAAAGTTGGAGGCTC CAAGTATGGTATCATCAACCTGCATAGTCTGAAGACCCCTACGCTCAATGTGTTTCATGCA CGATAACCTCTACTTCACCAACCGGAATGTGAATTTNNGTGTGCTGGGCTCGTGAAT CACTGGNATCCACATTCTGCTATGCCTCATGGGACTCGCATAGACTCCAGGCTGTGCC CACCTGCTCCAGCATCACTGGTGTGCTAGTACCCAGATATACCGGCCTGCTGCTCTGA GTTCCGATCCTGGTGTGCTGCTGGTCTGATATCAGCATACTGCTCATAGCTT GCTGGCGGTCTGTGCCACTGTGACGGAACGCAGTCTTGACACATGATGCTGGCCACAT TGTTCTGT
Restriction Sites:	NotI-NotI
ACCN:	NM_181340
Insert Size:	2600 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).
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_181340.1</u> , <u>NP_851937.1</u>
RefSeq Size:	2461 bp
RefSeq ORF:	1188 bp
Locus ID:	26094
UniProt ID:	<u>Q8WV16</u>
Cytogenetics:	14q24.2

Gene Summary:

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]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream translational start codon, compared to variant 1. The encoded isoform (2) is shorter at the N-terminus, compared to isoform 1.