

Product datasheet for **SC314146**

WDR42A (DCAF8) (NM_015726) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR42A (DCAF8) (NM_015726) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR42A
Synonyms:	GAN2; H326; WDR42A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC314146 representing NM_015726.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTCCAGCAAAGGGAGCAGCACAGATGGCAGAACAGACTTAGCTAATGGAAGCCTGTCTAGCAGTCCA
GAGGAGATGTCTGGAGCTGAAGAGGGGAGGGAGACATCCTCAGGCATTGAAGTGGAGGCCTCAGACCTG
AGTTTGAGCTTGACTGGGGATGATGGTGGCCCAACCGCACCAGCACAGAAAGTCGAGGCACAGACACA
GAGAGCTCAGGTGAAGATAAGGACTCTGACAGCATGGAGGACACTGGTCATTACTCCATTAAATGATGAA
AATCGAGTCCATGACCGCTCAGAGGAAGAGGAAGAGGAGGAAGAAGAGGAGGAAGAAGAGCAGCCTCGG
CGCCGTGTACAGCGCAAGCGGGCTAACCGTGACCAAGGACTCATCAGATGATGAGCGGGCCCTAGAGGAC
TGGGTGTCTCAGAAACATCAGCTCTACCCGACCTCGCTGGCAAGCCCTCCCTGCCCTTCGGGAGCGG
GAGCTGGGTTCAGTGCCCGCTTTGTCTATGAGGCCTGTGGGCAAGAGTCTTTGTGCAGCGTTTCCGC
CTGCAGCATGGGCTTGAAGGCCATACTGGTTGTGTCAATACCCTGCACTTTAACAGCGCGGCACCTGG
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GCCATGTGTGCCCGTGACGGGCAGGTTTCAGTAGCAGAACTGTCTGCCACACAGTGTTGCAAGAATACA
AAACGTGTGGCCAGCACAAAGGAGCGTCCACAAAGTTGGCACTGGAACCAAGACTCTCCCTGTACGTTT
TTATCTGCAGGTGAAGATGCAGTTGTTTACCATTGACCTGAGACAAGACCGCCAGCGTCGAAACTG
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AAAGGCGTCAATTTCTATGGCCCAAGAGTGAGTTTGTGGTGAGCGGTAGTGACTGTGGGCACATCTTC
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CCCACAGCTGAAGCTTCCACTGAGCTGACAGGGTTAAAGATGTGATTAAGAAGAACAAGCGGGAGCGG
GATGAAGATAGCTTGACCAAACTGACCTGTTTATAGTCACATGCTGTGGTTCTTATGCATCACCTG
AGACAGAGACGCCATACCGGCGCTGGCGAGAACCTGGGGTTGGGGCCACAGACGCGGACTCTGATGAG
TCTCCAGCTCCTCAGACACATCGGACGAGGAGGAGGGCCCTGACCGGGTGCAGTGCATGCCATCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_015726

Insert Size: 1794 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:

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_015726.3](#)

RefSeq Size: 3901 bp

RefSeq ORF: 1794 bp

Locus ID: 50717

UniProt ID: [Q5TAQ9](#)

Cytogenetics: 1q23.2

Domains: WD40

MW: 66.9 kDa

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 (1) 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.