

Product datasheet for SC113619

WDR12 (NM_018256) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR12 (NM_018256) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR12
Synonyms:	YTM1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018256, the custom clone sequence may differ by one or more nucleotides

```

ATGGCTCAGCTCCAAACACGCTTCTACACTGATAACAAGAAATATGCCGTAGATGATGTTCCCTTCTCAA
TCCCTGCCTCTGAAATTGCCGACCTTAGTAACATCATCAATAAACTACTAAAGGACAAAAATGAGTT
CCACAAACATGTGGAGTTTGATTCCTTATTAAGGGCCAGTTTCTGCGAATGCCCTTGGACAAACACATG
GAAATGGAGAACATCTCATCAGAAGAAGTTGTGAAATAGAATACGTGGAGAAGTATACTGCACCCACAGC
CAGAGCAATGCATGTTCCATGATGACTGGATCAGTTCAATTAAGGGGCAGAGGAATGGATCTTGACTGG
TTCTTATGATAAGACTTCTCGGATCTGGTCCTTGAAGGAAAGTCAATAATGACAATTGTGGACATACG
GATGTTGTAAGATGTGGCCTGGTGAAAAAGATAGTTTGCCTGCTTATTATTGAGTGCTTCTATGG
ATCAGACTATTCTTATGGGAGTGGAATGTAGAGAGAAACAAAGTGAAAGCCCTACACTGCTGTAGAGG
TCATGCTGGAAGTGTAGATTCTATAGCTGTTGATGGCTCAGGAACTAAATTTTGCAGTGGCTCCTGGGAT
AAGATGCTAAAGATCTGGTCTACAGTCCCTACAGATGAAGAAGATGAAATGGAGGAGTCCACAAATCGAC
CAAGAAAGAAACAGAAGACAGAACAGTTGGGACTAACAAAGGACTCCCATAGTGACCCTCTCTGGCCACAT
GGAGGCAGTTTCCCTCAGTTCTGTGGTCAGATGCTGAAGAAATCTGCAGTGCATCTTGGGACCATAACAATT
AGAGTGTGGGATGTTGAGTCTGGCAGTCTTAAGTCAACTTTGACAGGAAATAAAGTGTTTAATTGTATT
CCTATTCTCCACTTTGTAACGTTTAGCATCTGGAAGCACAGATAGGCATATCAGACTGTGGGATCCCCG
AACTAAAGATGGTTCTTTGGTGTGCTGTCCTAACGTACATACTGGTTGGGTGACATCAGTAAAATGG
TCTCTACCCATGAACAGCAGCTGATTTTCAGGATCTTTAGATAACATTGTTAAGCTGTGGGATACAAGAA
GTTGTAAGGCTCCTCTATGATCTGGCTGCTCATGAAGACAAAGTTCTGAGTGTAGACTGGACAGACAC
AGGGCTACTTCTGAGTGGAGGAGCAGACAATAAATTGTATTCTACAGATATTCACCTACCCTCCCAT
GTTGGGGCATGA

```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018256 unedited</p> <pre>GGTCAGGATTTGTATACGATTTATATAGGCGGCCGCGNAATTCGCACGAGGCCGCGAGTTA GAGGCGAGATTTAGGAAAAACCTCTGCCGAGTGAGCCTCTGGTTGGGAATATGTNATGAG AAAAAAAAACTGGCAAGGCGTTAGTCAAGCAAAGCTGAAGGCAGAGGAAATTTGATATCT GGCTGGAGTCTAGAGGATTTAATGCAAATAAGATACTCTGAGGGCAGCGTGGCAAAAAA GACTACAATTCGCGTGGTACAGCGTTTGAGAAGCGATGCTTTCTGAGACTTGTAGTAA CTAGGAGCTGTGTTTGAAGTATCCAGGCTCAGGACAGCCTCTTGAAAAAATTTTTTAT TAATAAAGCGGATTTGAGTGGGATCTTTTTCTAATCGATTACGGGCCACACGTATGGG AAGAATTTCTAACAATGATTAAGGGACATGCTACCTTTACGACTATCCTTTTCTAATCGA TGACTCTAAATCTAGGAGTAGGTAGTCGATGTTTGTGGTCTGGGCGTCTGTAGAAGGGC AACCTCGTCTTTCTGCAGAGGAGACCGGAGGGCAGAAGGCAGAGTCCAGGCTTAGACTG CAGTTCCTCGCTTACCTGTGCAGTCTAATTTTGTAGCTGCCTTTTGTAGTCTTAAAGGC AGGAGCTTCGTGTGTGGTCTGCTAACCCGTACGTTTCCGTGGGCAAGTCGTGTACT CCTCGCCATGGGCTCAGCTCCAACACGCTTCTACACTGATAACAAGAAATATGCCGTAGA TGATGTTNCCTTCTCAATCCTGCTGCCTCTGAAATGCCGACCTTTAGTACATCATNNCAT AACTACTAAAGGACAAAAATGTAGTCCACAACATGGGNAGTTTGATTTCCCTTATTAAGGG CCAGTT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018256 unedited</p> <pre>GGGCCTGGGGTGAAGTACGCTCCCTCCAGTTTGTATAAAAACGTATGCCACANTTTGTAT TTTTTTACACAACCTATCTTATTATAAATACCAATAAGAAAAAGTGATACGTTAGCTG TTATGAAGGGTGAACATTATATAAACTTCAAAGGCTGCTTTCTGCATCTGCATCTAT GTAATTTTCATGGTCTCTACCAATTTTCATTTACAGAAANATTCNTTATAGTCAAATTTAT GTTCACTTTCATGCCCAACATGGGAAGTGGTAGGTGAATATCTGTAGGAATACAATTTA TTGTCTGCTCCTCCACTCAGAAGTAGCCCTGTGTCTGTCCAGTCTACACTCAGAACCTTG TCTTCATGAGCAGCCAGATCATAGAGAGGAGCCTTACAACCTTCTGTATCCACAGCTTA ACAATGTTATCTAAAGATCCTGAAATCAGCTGCTGTTTATGGGTAGGAGACCATTTTACT GATGTCACCCAACAGTATGTGACGTTAGGGACAGCGACACCAAGAACCATCTTTAGTT CGGGGATCCCACAGTCTGATATGCCTATCTGTGCTTCCAGATGCTAAACGTTTACAAAGT GGAGAATAGGAAATACAATTAACACTTTATTTCTGTCAAAGTTGACTTAAGACTGCCA GACTCAACGTCCCACACTCTAATTTGTATGGTCCCAAGATGCAGTGCAGATTTCTCAGCA TCTGACCACAGAAGTATGAAACTGCCTCCATGTGGCCAGAGAGGGTCACTATGGGAGTC CTTGTTAGTCCCAACTGTTCTGTCTTCTGTTTCTTTCTTGGTTCGATTGTGGACTCCTCCA TTTCTCTTCTTCTGTAGGGACTGTAGACCAGATCTTTAGCTCTTATCCAGGACCCCT GCAAAATTAATTCTGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018256
Insert Size:	2500 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:

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_018256.2](#), [NP_060726.2](#)

RefSeq Size: 1720 bp

RefSeq ORF: 1272 bp

Locus ID: 55759

UniProt ID: [Q9GZL7](#)

Cytogenetics: 2q33.2

Domains: WD40

Gene Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein is highly similar to the mouse WD repeat domain 12 protein at the amino acid level. The protein encoded by this gene is a component of a nucleolar protein complex that affects maturation of the large ribosomal subunit.[provided by RefSeq, Dec 2008]