

Product datasheet for SC113680

WDR11 (NM_018117) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR11 (NM_018117) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR11
Synonyms:	BRWD2; DR11; HH14; SRI1; WDR15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018117, the custom clone sequence may differ by one or more nucleotides

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ATGTTGCCCTACACAGTGAACCTCAAGGTGTCGGCGCGCACCCCTCACGGGGGCCCTCAACGCCACAACA  
AGGCGGGCTGGACTGGGCTGGCAAGTTAATTGCTTATGGATGTCATTCACCTGTGGTAGTGATTGA  
TTCCATTACTGCCAAACTCTTCAAGTTTTAGAAAAGCATAAAGCTGATGTTGTAAGGTTAAATGGGCC  
AGGGAAAATATCACCATAACATTGGCTCACCATTGCTTACGGTTAGCTTCTGCTGATGTCAATGGGA  
AGATCATCGTCTGGGATGTAGCAGCAGGAGTAGCTCAGTGTGAGATCCAAGAGCATGCCAAGCCTATCCA  
GGATGTTCAAGTGGTGTGAATCAAGATGCTTCCCGCATTTACTGCTTGTATCCACCCGCCAAATTAC  
ATTGTGCTCTGGAATGCCGACACTGGCACCAAACTATGGAAGAAGAGCTATGCAGATAACATTCTTTCTT  
TTTCTTTTGACCCTTTGGATCCCTCACATTTAACTTTGCTTACCAGCGAGGGTATTGTTTTCATCTCAGA  
CTTCTCCCATCCAAGCCTCCCTCAGGCCCTGGGAAAAAAGTTTACATATCCAGCCACACTCTAGCCCA  
GCTCATAACAAGCTGGCCACAGCCACAGGTGCCAAGAAAGCTCTAAATAAAGTAAAAATTTAATCACTC  
AAGAGAAACCTAGTGCTGAATTCATAACTCTCAATGATTGCCTTCAGTTGGCATACTGCCTTAAAAAG  
GAATCACATGTTGTTGCTCTATCCTCGAGAGATTTAATCCTTGACCTTGAGGTGAATCAGACGGTGGGT  
GTGATTGCAATAGAACGCACAGGAGTTCATTTTTACAGGTAATACCCTGCTTTCAGCGTGATGGTTTAT  
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GGTACAAGTAATGGTCTGCTGGTGTACCATCTCACCAGTGGTCTGCTACACAAGAGTTAAGCATCC  
ACTCATGTGAAGTCAAGGTATTGAATGGACAAGTTTGACTAGTTTTCTTTCTTTGCTACCTCAACACC
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AAACAATATGGGATTAGTGAGAAATGAACCTCAACTGGTTGATCTTCCAACAGGTAGGAGCATTGCTTTT
 CGTGGTGAAGAGGCAATGATGAATCTGCCATCGAAATGATTAAGTATCTCATTGGAAGCAGTATTTGG
 CAGTCGTATTCAGAGATAAACCCCTGGAGCTATGGGATGTTAGGACTTGTACCCTTCTTAGAGAGATGTC
 CAAAACTTCCCTACAATAACTGCTTTGGAGTGGTCACCATCTCACAACCTGAAGAGCCTGAGAAAGAG
 CAACTTGAACCTCGAGAGGCCATGGCCCGCCAGACCGTAGTCTCAGACACAGAGCTGAGTATTGTTGAAT
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 CAGAGGTGCCTGCTTGTTC AAGGCTCTATGGTATGAATCGGAGCTGCCTTCTGGACTGTCGCTGCC
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 CAAACTGAGCAACCCACTGGATATATGCTATGACGTGCTCTGTGAAAATGCCTACTTTGAGAAATTTAG
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 TACTGCTCTTGGGTCAAACAGACAGAGCTGTGCAGTTGCTGTTGGAAACAAGTGCAGATAACCAGCATT
 TACTGTGATTCCTGAAAGCCTGTTTAGTCACTACTGTACCTCGTCAGGCCCTCTCAGAGCACCATT
 AAGTTGGTGGCAACGAATATGATTGCCAATGGCAAATGGCAGAGGGCGTTCAAGTGTCTGCTGATAG
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 AGTCCGTTTGAATCCTGAGGAGTGTGCCGATGTTTTAAGGCGGTGGGTTGACCACCTTTGTTCTCCACAA
 GTCAATCAGAAATCAAAGGCTCTCCTGGTTCTCCTCTCTCTGGGCTGCTTTTTTAGCGTGGCAGAGACGC
 TTCACAGCATGAGATACTTTGATAGAGCAGCCTTATTTGTGGAAGCTTGCCTCAAGTATGGAGCATTGGA
 AGTCACTGAGGACACAGAGAACTCATCACTGCTATATATGCAGATTATGCCCGGAGTTTGAAGAACCTC
 GGTTTTAAAGCAGGGAGCAGTTCTCTTTGCTTCAAAGCCGGAGCAGCTGGCAAAGACTTATTGAATGAGC
 TTGAGTCCCCAAGGAAGAACCATTGAAGAGTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018117 unedited
 TGTATACGACTACTATAGGCGGCCGACATTGCACAGGGCGGCCGAGGGGGCCA
 CCCGGACTCTGTTTGAACGGAAGCACAGTGTCCGCCGCTTCTGGTTGCGGGTCAGCGC
 CCAGGTCCTGGGCTGGCCGCCGGATGTTGCCCTACACAGTGAACCTCAAGGTGTCGGCG
 CGCACCTCACGGGGCCCTCAACGCCACAACAAGCGCGGTGGACTGGGCTGGCAA
 GGTTAATTGCTTATGGATGTCATTCACTTGTGGTAGTGATTCCATTACTGCCCAA
 ACTCTTCAAGTTTTAGAAAAGCATAAAGCTGATGTTGTAAGGTTAAATGGGCCAGGGAA
 AACTATACCATAACATTGGCTCACCATATTGCTTACGGTTAGCTTCTGCTGATGTCAT
 GGAAGATCATCGTCTGGGATGTAGCAGCAGGAGTAGCTCAGTGTGAGATCCAAGAGCAT
 GCCAAGCCTATCCAGGATGTTCAAGTGGTGTGGAATCAAGATGCTTCCCGCAATTTACTG
 CTTGCTATCCACCCGCCAAATTACATTGTGCTCTGGAATGCCGACACTGGCACCAAACTA
 TGGAAGAAGAGCTATGCAGATAACATTCTTTCTTTTCTTTTACCCTTTTATCCCTCA
 ATTTAACTTTGCTTACAGCGAGGGTATTGTTTTTCTCAGACTTCTCCCATCCAAGCCT
 NCCTCANGCCCTGGAAAAAAGTTTACATATCCAGCCCACTCTTACCCAGCTCATAAC
 AAGCTGGCCACAGCCACAGGTGCCAAGAAAGCTCTAAATAAAGTAAAATTTTATCACT
 CAAGAGAAACCTATGGCTGAATTCATACTTCTCATGGATGCCCTTCAGTTGG

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 gene is located in the chromosome 10q25-26 region, which is frequently deleted in gliomas and tumors of other tissues, and is disrupted by the t(10;19) translocation rearrangement in glioblastoma cells. The gene location suggests that it is a candidate gene for the tumor suppressor locus. [provided by RefSeq, Jul 2008]