

Product datasheet for SC113236

WDR5B (NM_019069) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR5B (NM_019069) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR5B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113236 sequence for NM_019069 edited (data generated by NextGen Sequencing)

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ATGGCAACCAAGGAGTCAAGAGACGCCAAAGCACAGTTGGCCCTCTCCTCATCGGCAAT
CAGAGCAAGGAAGTGCCTGAAAACCCAACTATGCTCTCAAATGTACTCTTGTGGGACAC
ACGGAAGCAGTGTTCATCAGTTAAGTTTAGTCCTAATGGAGAATGGCTAGCAAGTTCTTCT
GCTGATAGGCTAATCATAATTTGGGGAGCATATGATGGAAAATATGAGAAAACACTCTAT
GGTCATAATTTGGAAATATCGGATGTTGCCTGGTCATCAGATTCCAGTCGTCTTGTCTTCT
GCCTCAGATGATAAACTCTAAAATTATGGGATGTGAGATCTGGAAAATGTTTGAAAACA
CTGAAGGGGCACAGTAATTATGTCTTTTGTGTAACCTCAATCCGCCATCCAACCTTATA
ATCTCGGGATCTTTTGATGAGACTGTAAAAATATGGGAGGTGAAAACAGGAAAGTGCTC
AAGACTTTGTCTGCTCATTCTGACCCAGTTTCTGCTGTTCAATTTAATTGTAGTGGGTCC
TTGATAGTGTGAGGTAGCTATGATGGCCTCTGTAAGATCTGGGATGCTGCATCAGGTCAG
TGTTTAAAAACGCTCGTTGATGACGATAACCTCCTGTCTCTTTTGTAATTTTCTCCA
AATGGTAAATACATTCTCACTGCAACTTTGGACAACACTCTTAACTATGGGATTATAGC
AGAGGCAGGTGCCTGAAAACATACACTGGTCATAAGAATGAGAAATATTGCATATTTGCC
AATTTTTCAGTTACTGGTGAAAGTGGATTGTGTCTGGTTCCGAGGATAACCTGGTTTAC
ATTTGGAACCTTCAGACTAAAGAGATTGTGCAGAAATTACAAGGCCATACAGATGTTGTG
ATCTCAGCAGCTTGTATCCTACAGAAAACCTCATCGCATCAGCAGCATTAGAAAATGAC
AAAACAATTAACTGTGGATGAGTAACCACTAA

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Clone variation with respect to NM_019069.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019069 unedited
 CCGAGCGTTCAGATTAGTATACGACTACTATAGGCGGCCGCGNAATTCGCACGAGGCAG
 TGCACACCTGCTGGTACGTGCAAAAGTAGCCGACAGGCCAGAGTTTCCAGTTTCGGTGCC
 TTCGTAGGCTTTTAGCTTCTGAAATCCGCTAAAAGCGCGGTTTCATTTCATCTTCAAGTAC
 CTAGCCTGACTGGTAGGGCTGCTCAGCATTCCGAAACATTTGACCTGGGGAGGGGGGCG
 GCGGTGAAAGAATACTTTCTGTAGAGAGTGCCCTCGCGTCGCCCTGCTTTGAAGGCTT
 TATGTATTAACGGAATGCCGAACATTTGTGTCTACTTGCTGACAGCGCACAGGATCCTT
 CTAACAGTATTTCTCAAGTACTTAACAAAAAGATGAAAACCTGAAGTCCAAGCCGTGCTG
 CTGATTCGCTCTCACAGTTTAAAGACTGTCCAGAACTTTAAGCTTTCAAACTGTACAT
 TTTAAATCCTGTGCGTTTATCTTCATTTTGTGGGCAGAAAGCCAAAGTACTGGACTGC
 CTGGTTCAAGGCTGAACGCCTAGTACACCTGCTAATTGGAGCTTCAGAGCCATGGCAAC
 CAAGGAGTCAAGAGACGCCAAAGCACAGTTGGCCCTCTCCTCATCGGCCAATCAGAGCAA
 GGAAGTGCCTGAAAACCCAACTATGCTCTCAATGTACTCTTGTGGACACACGGAAGC
 AGTGTCTCAGTTAAGTTTAGTCTAATGGACAATGGCTAGCAAGTTCTTCTGCTGATAG
 GCTAATCATAAATGGGGAGCATATGATGAAAAATATGAGAAAACACTCTATGGTCATAA
 TTTGAAATATCCNATGTTGCTGGTCTCAGATTCCAGTCGTCTGTTTCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019069 unedited
 ATGTACGCGGCCGCATCTATATCGAGTTTTTTTTTTTTTTTTTTAGTTTTGGGAATTTA
 TTACTAAAATTTATCAAAGCAGGCAAGGAATGAAGTTGTATCCTTCACTGTCAAACATTA
 CTTGAGTCCCTTTACTACACAAAAAGCCAAAGAATACAAGAATACAGAGACATACTTCC
 TGATTCCACAGAACTCATAATCTGGAAGCACAGCCCATGAAAGCATTTTCAGTACAACTG
 GTAAATAATAGGGACAGGAAAACCTAACTAAGTCAAGTGTGAGTGTGGTTGCAGGCAAG
 CCGGCAGTGGATGGTTCCTTCAGTGATTCTGAACTGAGTTTGAAGCATGGGCAGGAATT
 ATTATGTCAGACACAGAACAAAAGAGCAGTCTTCATCAGACATTTAGCTTGCCTGAA
 AATCACAGCACAACTCTAAAAAGGTAGTGAAAGGTCCTTGAGAAACACCATTTATAATGT
 TGTTTTAGTTTTTGAATTTTTAGACTCTTAGAATGAACCTAACCTTGGCGTATTTTTCC
 GGTTTTTTTCTATGGACATTTTCATATCCCATCACACAGAATATTACAAAAGTGTGCAT
 GTAGCATCTGGCATGTCTCTCCAGTCTCCACCAGCATCCAGGCTTATGCANCTTGTCAT
 TCTGATCTCCAAACCAGAAACCTGAAATTATTTCAAATTCCTTGCTCCCTCTTTTA
 TCAATCATCTGTCTGTCACTTTACTTCTAAATATTCTCAAATACACTGATCCTCTAG
 GATAGTCACTGAAAGGAATGAGNAATTGCCAGTGCAGGACAATGAAATATTAATAAGCC
 TCCAGATTAAGTCAGCTCTCAAGAAAAATACAGTGNGCAACAAACCACCATAAAAGCTC
 ACATCCCTATCTCAGAGGATTCAAATTTACCCATGGGATACCTCTTAAACAGTTGAATGC
 CTTAATTAAGTCAAAAAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_019069

Insert Size:

3910 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:	<u>NM_019069.3, NP_061942.2</u>
RefSeq Size:	4183 bp
RefSeq ORF:	993 bp
Locus ID:	54554
UniProt ID:	<u>Q86VZ2</u>
Cytogenetics:	3q21.1
Domains:	WD40
Protein Families:	Druggable Genome
Gene Summary:	This intronless gene encodes a protein containing several WD40 repeats. WD repeats are approximately 30- to 40-amino acid domains containing several conserved residues, including a trp-asn at the C-terminal end. The encoded protein may mediate protein-protein interactions. [provided by RefSeq, Jul 2008]