

Product datasheet for SC112791

WDR89 (NM_080666) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: WDR89

Synonyms: C14orf150; MSTP050

Mammalian Cell None

Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC112791 sequence for NM_080666 edited (data generated by NextGen Sequencing)

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ATGGAAAAGATTGAGGAACAATTTGCTAATCTGCACATTGTTAAATGTTCTTAGGAACC
AAAGAGCCCACTTACCTTCTTGGTATAGACACATCAAAGACTGTCCAAGCAGGAAAGGAA
AACTTGGTTGCTGTTTTATGTTCTAATGGATCAATCAGAATATATGATAAAGAAAGTTA
AATGTACTACGAGAATTTAGTGGATATCCTGGACTTCTTAATGGAGTCAGATTTGCAAAT
TCCTGTGACAGTGTATATTCAGCATGACTGATGGCACTGTGAAATGCTGGGATGCTCGA
GTAGCCAGAGAAAAACCTGTTCAAGCTCTTCAAGGGTTACCCTTCCAATATTTTTATCAGT
TTTGATATTAATTGTAATGATCATATTATTTGTGCTGGTACAGAAAAAGTTGATGATGAT
GCATTGTTGGTGTTTTGGGATGCAAGGATGAATTCTCAGAATTTATCTACAATAAGAC
TCACCTGGTGCATATTCAGAGACACATAGTGATGATGTCACCTCAAGTACGTTTCCATCCC
AGCAATCCCAACATGGTAGTCTCAGGTTCTGATGGCCTGGTAAATGTATTTGATATT
AATATTGATAATGAGGAGGATGCACTGGTTACAACCTGTAACCTCAATTTTCATCAGTAAGC
TGATTGGTTGGTCTGGGAAAGGTTATAACAGATTTACTGCATGACACATGATGAAGGA
TTTTATTGGTGGGATCTTAATCATCTGGACACTGATGAACCAAGTTACACGTTTGAACATC
CAGGATGTCAGAGAAGTAGTTAACATGAAAGAAGATGCTTTGGACTATTTGATTGGTGGC
CTATATCATGAAAAGACAGACACATTGCATGTTATTGGAGGAACAAACAAAGGAAGGATT
CATTTGATGAACTGCAGCATGTCAGGACTGACCATGTGACTAGCCTTCAGGGAGGGCAT
GCTGCTACAGTCCGTTCTTTCTGTTGGAATGTGCAAGATGATTCTTTGTTGACTGGAGGA
GAAGATGCACAGTTGTTACTTTGGAACCTGGAGCTATAGAGAAGACCTTTACAAAGAAA
GAGAGTATGAAAATAGCATCCTCTGTGCACCAACGAGTACGAGTTCATAGTAATGATTCT
TATAAAAGAAGGAAAAAGCAGTGA
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Clone variation with respect to NM_080666.2



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_080666 unedited
 TGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCTCTGCTCTTTCCTC
 TCCAGGATACTCTCCCCACCACTAAAGGGTTTAGTATAATCCTTTTGTAGGCCAGAAAGC
 AGATTTTCACTTGGGAAGAGACGACCCGTAGTATGGGATGTGGTATGATACCAGCAACTG
 GTCTATTATATCATTTAAACCACATGGCTATCTAAAGAGGTATTTGGCTATTATAAATAA
 AATAGTGATGAACACGTGTACAGGTGTTTGTACGGACATAAGTTGTCATTTCTCTTGAGT
 AAATACCTAAAAGTGGGCTTGTGGAGTTTACTACCCTTGGATGCTGCTGTTGACATGG
 AAAAGATTGAGGAACAATTTGCTAATCTGCACATTGTTAAATGTTCTTAGGAACCAAAG
 AGCCCCACTTACCTTCTTGGTATAGACACATCAAAGACTGTCCAAGCAGGAAAGGAAAAC
 TGGTTGCTGTTTTATGTTCTAATGGATCAATCAGAATATATGATAAAGAAAGGTTAAATG
 TACTACGAGAATTTAGTGGATATCTGGACTTCTTAATGGAGTCAGATTTGCAAATTCCT
 GTGACAGTGTATATTCAGCATGTACTGATGGCACTGTGAAATGCTGGGATGCTCGAGTAG
 CCAGAGAAAACCTGTTCAAGCTCTTCAAGGGTTACCTTCCATATTTNTATCAGTTNTGAT
 ATTAATTGTAATGATCATATTATTTGTGCCTGTACAGAAAAAGTGATGATGATGCATTG
 NNTGGGTGTTTTGGGATGCAGGNNATGAATCTANAATTTATCTACACTAAAGACTCACTT
 GGTGCTATTAGAACAAGTATGATGTCACTCAGGTACGTTCCATCCCAGCATCCACA
 TGGAGTC

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_080666 unedited
 CCCCCCANCCCCCCCCNAAACNNNNNTNNTTGACTTGNACCCGGCCGAATCTAGA
 TCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATAAAGGAAATGTTTAATTGACTGA
 AAAGTTCAGCATGGCCAGGAGGCCTCAAAAACCTACAATCATGGGGAACGCAAGGGG
 AAGCAAAGCACCTTCTTCAAGGCTTCAGGAAAAGAGTGAGGAGTTAAAGGGGCAGAG
 CCCTTTATAAAACCATCAGATCTTGTGAGAACTACCCACTATCAGGAGAACATCGTAGG
 GGAAACCACCCCATGATCCAATCACCTCCCACAGGTCTCTCCCTAAACACATGGGGAT
 TATGGGGATTACAATTCAGATGAAATTTGGGTGAGGACACAGACAAACCATACCAGCCA
 TTTATGTTATTTCTAATAACCCACTGCCCCATTTCTTTTTAACTTTTTTCACTTTCTA
 AAAGTGTAGTCTGGTTTTGACCCCTGTATTTATCTTCTGGGGCTTCATCTTTTCTCTT
 TGCTCTTTTCAGTCTACTTTTCAGGAATATTTTCTCACCTACATCTTCAACACTATTAA
 TTACTTTTGAATTTTAAATATTTTAAATTTTAAAAAGCCCTATTGTTTTAATAGTTCAC
 TTCCAATTGTTTTATGAATGCAATTTCTCCAGATATCTTTAAACTAATTTTTATTATAC
 TAAATACCTGTCTTATATTTTAAAGATTCTGAAAAACACATTTTTTAACGCTTATGTA
 GTCCCGCCATCAAAAACATCATTGTCCGAAGATTTTAAACACCCTGAGGCCCTCCCTCC
 GTTTTTTGGTTCTTCCCTCATTTTCCCGCCCTTCCAAAACGTGTTTGGCTGCTT
 ACCCTAAAATACCAACAGGGTGAACCTGGACCCATT

Restriction Sites:

NotI-NotI

ACCN:

NM_080666

Insert Size:

3370 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_080666.2</u> , <u>NP_542397.1</u>
RefSeq Size:	3125 bp
RefSeq ORF:	1164 bp
Locus ID:	112840
UniProt ID:	<u>Q96FK6</u>
Cytogenetics:	14q23.2
Domains:	WD40