

Product datasheet for **SC100751**

WDR92 (NM_138458) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | WDR92 (NM_138458) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | WDR92 |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Cell Selection: | None |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_138458, the custom clone sequence may differ by one or more nucleotides |

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ATGTGGCCTTCGAGAAGCCTCAGATCATCGCCCATATCCAGAAGGGCTTCAACTACACGGTGTGGTACT
GTAAGTGGGTGCCCTGCAGCGCCAAATTTGTGACCATGGGCAACTTCGCACGGGGCACC GGCGTCATTCA
GCTGTACGAGATCCAGCACGGGGACCTGAAGCTGCTTCGGGAGATTGAAAAGGCCAAACCTATTAATGT
GGAACATTTGGTGAACATCTTTACAGCAGAGATATTTAGCTACTGGAGATTTTGGTGGAAACCTTCATA
TATGGAATTTAGAAGCTCCAGAGATGCCAGTATATTCTGTAAGGGCCATAAAGAAATTAATGCCAT
AGATGGCATAGGTGGACTAGGAATTGGAGAAGGAGCACCTGAAATTTGTGACTGGCAGCCGAGATGGAAC
GTGAAGGTGTGGGACCCAAGGCAAAAAGATGATCCTGTTGCTAATATGGAACCTGTACAAGGAGAAAACA
AGAGAGACTGTTGGACTGTGGCATTGGCAATGCTTATAATCAAGAAGAAGCTGTTGTTTGTGCTGGCTA
TGACAATGGGGATATCAAATAATTTGATCTCAGAAATATGGCATTACGGTGGGAGACAAACATCAAAAAT
GGGGTGTGTAGCTTGGAGTTTGACAGAAAAGACATAAGTATGAATAAGTTAGTAGCCACATCTCTGGAAG
GAAAGTTCATGTTTTGACATGAGAACACAGCATCCAACCAAAGTTTTGCCTCTGTTTCAGAAAAGGC
TCATAAATCTACTGTGTGGCAGGTCGACACCTGCCGAGAACAGGGAGCTCTTTCTGACAGCTGGAGGC
GCCGGCGCCTTCACCTCTGGAAGTATGAATACCCTATTCAGCGGTCAAAGAAAGATTCTGAGGGAATAG
AAATGGGAGTCGAGGTTCTGTAAGCCTTCTGCAGAAATGTTACGTTGTCCACCCAGCCCATTTCAAGTTT
GGATTGGAGTCCAGATAAAGGGGTCTCTGCGTCTGTAGTTTCATTTGACCAAACGGTGAGAGTACTGATC
GTTACAAAGCTCAATAAAATTTGA
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| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_138458 unedited CGGGGTTACGATTTGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGGC GGTTGCCGTAGCTGAAATTGGCTGCACCATGTCGGCCTTCGAGAAGCCTCAGATCATCGC CCATATCCAGAAGGGCTTCAACTACACGGTGTTTACTGTAAGTGGGTGCCCTGCAGCGC CAAATTTGTGACCATGGGCAACTTCGCACGGGGCACCGCGTCATTACAGCTGTACGAGAT CCAGCACGGGGACCTGAAGCTGCTTCGGGAGATTGAAAAGGCCAAACCTATTAATGTGG AACATTTGGTGCACATCTTTACAGCAGAGATTTTAGCTACTGGAGATTTTGGTGAAA CCTTCATATATGGAATTTAGAAGCTCCAGAGATGCCAGTATATTCTGTAAAGGGCCATAA AGAAATTATAAATGCCATAGATGGCATAGGTGGACTAGGAATTGGAGAAGGAGCACCTGA AATTGTGACTGGCAGCCGAGATGGAAGTGTGAAGGTGTGGGACCAAGGCAAAAAGATGA TCCTGTTGCTAATATGGAACCTGTACAAGGAGAAAACAAGAGAGACTGTTGGACTGTGGC ATTTGGCAATGCTTATAATCAAGAAGAACGTGTTGTTTGTGCTGGCTATGACAATGGGGA TATCAAATTTGATCTCAGAAATATGGCATTACGGTGGGAGACAAACATCANAATGG GGTGTGTAGCTTGGGAGTTGACAGAAAAGACATAAGTATGAATAAAGTAGTACCCATC TCTGGAAGGAAAGTTCCATNGTNTTTGACATGAGAACACAGCATCCAACCAAAGGGTTTG CCTCTGTTTCAGAAAAGGCTCATAAATCTACTGTGTGGCCAGTCCGACACCTGCCGAGA CAGGNAGCTCTTTTACAGCTGTAGCGCCCG |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_138458 |
| Insert Size: | 1400 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: | <ol style="list-style-type: none"> 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_138458.1, NP_612467.1</u> |
| RefSeq Size: | 2280 bp |
| RefSeq ORF: | 2280 bp |
| Locus ID: | 116143 |
| UniProt ID: | <u>Q96MX6</u> |
| Cytogenetics: | 2p14 |
| Domains: | WD40 |
| Protein Families: | Druggable Genome |

Gene Summary:

This gene encodes a protein with two WD40 repeat domains thought to be involved in an apoptosis via activation of caspase-3. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer protein (isoform 1).