

## Product datasheet for **SC111373**

### WDR18 (NM\_024100) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDR18 (NM_024100) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR18
Synonyms:	Ipi3; R32184_1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024100, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGCCCATGGAGGTGGCCGTGTGTACGGACTCGGCGGCCCGATGTGGAGCTGCATCGTGTGGG
AACTTCACTCGGGCGCAACCTGCTCACCTACCGCGGCCAGGCGGGACCCCGCGCCTGGCGTGTCT
CAATGGCGAGTATCTGCTGGCGGCGCAGCTGGCAAGAATTACATCAGCGCCTGGGAGCTCCAGCGGAAG
GACCAGCTCCAGCAGAAGATCATGTGCCCGGGCCTGTCACCTGTCTGACTGCATCACCAATGGTCTCT
ACGTCCTGGCAGGAGTTGCAGAAAGCATCCACCTGTGGGAGGTCTCCACCGGGAACCTTCTGGTCATCCT
GAGTCGACACTACCAGGACGTCTCCTGCCTTCAGTTCACAGGGGACAGCAGCCACTTCATCTCAGGGGGC
AAGGACTGCCTGGTGTGGTTTGGAGCCTCTGCAGCGTGTGCAGGCCGACCCCTCCAGGATTCGGCGC
CCAGGCACGTCTGGTCTCACCACGCGCTCCCATCACGGACCTGCACTGCGGCTTTGGGGGGCCCTGGC
CCGGGTGGCCACCTCCTCACTGGACCAGACGGTGAAGCTATGGGAGGTCTCCTCGGGGAGCTGTGCTC
TCCGTCTCTTTGACGTGTCCATCATGGCAGTGACCATGGACCTGGCTGAGCACCATATGTTCTGCGGGG
GCAGTGAGGGCTCCATCTCCAGGTCGACCTCTCACCTGGCCCGGACAGAGGGAGAGGAGCTTCCACCC
AGAGCAGGACGCCGGGAAGGTCTTCAAAGGGCACAGGAACCAGGTGACTTGCTGTCACTGCTGACTGAC
GGCAGCGTGTGCTCTCAGGCTCCACGACGAGACCGTGGCCTCTGGGACGTGCAGCAAGCAAGTGA
TCCGGACGGTGGCCCTCAAAGGCCAGTACCAATGCCGCCATCCTGCTGGCGCCCGTCAGCATGCTGAG
CTCAGACTTCAGGCCAGCCTGCCGCTGCCCACTTCAACAAGCACCTGTGGGCGCCGAGCAGGGGAC
GAGCCGCGCCACGGGGCCTCACTCTGCGCCTGGGCTCCACCAGCAGGGCTCGGAGCCAGCTACCTGG
ACCGCACGGAGCAGCTGCAGGCCGTCTGTGCAGCACCATGGAGAAGAGCGTGTCTCGGCGCCAGGACCA
GCTGCGCGTCCGTGTGACGGAGCTGGAGGACGAGGTGCGCAACCTGCGCAAGATCAATCGGGACCTGTTC
GACTTCTCCACGCGCTTCATCACGCGGCCGCCAAGTGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_024100 unedited</p> <pre> CCCCCAGTTTCAGATTTTGTAAATACGACTCACTATAGGCGGCTGCGAATCGGCACCAGCA AGAGGGCGGCGCCCATGGCGGTGGCCGTGTGTACGGACTCGGCGGCCCGATGTGGAGCTG CATCGTGTGGAACTTCACTCGGGCGCCAACCTGCTCACCTACCGCGGCGGCCAGGCGGG ACCCCGCGGCCTGGCGTGTCAATGGCGAGTATCTGCTGGCGGCGCAGCTGGGCAAGAA TTACATCAGCGCCTGGGAGCTCCAGCGGAAGGACCAGCTCCAGCAGAAGAGCATGTGCC CGGGCCTGTACCTGTCTGACTGCATCACCCAATGGTCTCTACGTCTGGCAGGAGTTGC AGAAAGCATCCACCTGTGGGAGGTCTCCACCGGGAACCTTCTGGTCATCCTGAGTCGACA CTACCAGGACGTCTCTGCCTTCAGTTACAGGGGACAGCAGCCACTTCTCAGGGGG CAAGGACTGCCTGGTGTGGTTTGGAGCCTCTGCAGCGTGTGCAGGCCGACCCCTCCAG GATTCCGGCGCCAGGCACGTCTGGTCTCACCACACGCTCCCCATCACGGACCTGCACTG CGGCTAATGGGGGCCCTGGCCCTGGGTGGCCACCTCCTCACTGGACCAGACGGTGAAG CTATGGGGAGGTCTCCTCGGGGAGCTGCTGCTCTCCGTCCTATGACGTGTCCATCAT GGCAGTGACCATGGACCTGGCTGACACCATATGTNCTGCGNGGCANGTGAGGGCTCCAT CTTCCAGGTCGACCTCTCCCTGCCCGNACNGAGGGGAAGAGGAGCTTCCACCCAGAGC AGACGCCTNNGCAGGTCTTCAAGGGCACAGAACCAGTGACTTGCTTGTCAGTGTCACTGC GNGGCAGCTGCTGCTCTCAGCTCCACGACGAGACC </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_024100
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_024100.3</a></u> , <u><a href="#">NP_077005.2</a></u>
<b>RefSeq Size:</b>	1551 bp
<b>RefSeq ORF:</b>	1299 bp
<b>Locus ID:</b>	57418
<b>UniProt ID:</b>	<u><a href="#">Q9BV38</a></u>
<b>Cytogenetics:</b>	19p13.3

**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. [provided by RefSeq, Jul 2008]