

## Product datasheet for MC224266

### Wdr33 (NM\_028866) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr33 (NM_028866) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr33
Synonyms:	1110001N06Rik; 2310011G05Rik; 2810021O11Rik; 8430413N20Rik; WDC146
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224266 representing NM_028866 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTACAGAAATTGGCTCTCCTCCACGATTTTTCCATATGCCGAGTTTCAACATCAGGCTCCCCGAC  
AATTATTTTATAAGCGACCTGATTTTGCACAGCAGCAAGCAATGCAGCAGCTCACCTTTGATGGAAAACG  
AATGAGAAAAGCTGTAACCCGAAAACCATAGACTACAATCCCTCTGTAATTAAGTATTTGGAGAATAGG  
ATATGGCAAAGAGATCAGAGAGATATGCGGGCAATTCAGCCGGATGCAGGTTATTATAATGATCTGGTCC  
CACCAATAGGAATGTTGAATAATCCTATGAATGCAGTAACAACAAAATTTGTTAGGACATCAACAAACAA  
AGTTAAATGCCAGTATTTGTTGTGAGGTGGACCCCGGAAGGAAGACGATTGGTCACTGGAGCTTCTAGT  
GGGGAGTTCACCTTGGAATGGGCTGACTTTCAACTTTGAAACCATATTGCAGGCTCATGATAGCCCTG  
TGAGGGCCATGACTTGGTACATAATGACATGTGGATGTTGACAGCAGATCATGGAGGATATGTGAATA  
TTGGCAATCCAACATGAACAACGTCAAGATGTTCCAGGCACATAAGGAGGCGATTAGAGAGGCCAGTTTC  
TCACCCACGGATAATAAATTTGCTACATGCTCTGATGACGGCACTGTTAGAATCTGGGATTTTCTCGTT  
GCCATGAGGAAAGAAATTCCTCGAGGCCATGGTGTGATGTGAAGTGTGTAGACTGGCATCCAACCAAGG  
GTTAGTCGTTTCAGGAAGTAAAGATAGCCAGCAGCCAATCAAGTCTGGGATCCCAAGACTGGGCAGAGT  
CTTGCAACTCCACGCCCAAGAACACTGTGATGGAAGTGAAGTTAAACCTCAACGGCAATTGGCTCC  
TCACGGCCTCTCGGACCATCTCTGTAAGCTCTTTGATATCCGAAACCTGAAAGAAGAGCTTCAAGTATT  
CCGAGGTCAACAAGAAGGAGGCCACAGCTGTAGCCTGGCATCCTGTTTCATGAAGGACTTTTTGCCAGTGGA  
GGATCTGACGGCTCTCTGTTATTCTGGCATGTTGGGGTAGAGAAGGAGGTAGGTGGGATGGAGATGGCCC  
ACGAAGGGATGATCTGGAGTTTGGCTTGGCATCCTCTGGGACATATCCTCTGCTCAGGCTCAAATGACCA  
TACCAGCAAATCTGGACTCGAAACCGGCCAGGTGATAAAATGCGAGATCGATATAATCTGAACCTTTTG  
CCTGGCATGTGAGAAGACGGAGTGGAGTATGATGACCTGGAGCCTAATAGCCTGGCAGTGATCCCGGGGA  
TGGGAATACCAGAACAACCTGAAGTTAGCTATGGAGCAGGAACAGATGGGAAAGATGAATCAAGTAAAT  
TGAAATGACAATCCAGGCTTGATTGGGAATGGAGGAAGTAAATGCAAAAGGATCAGAAAAAGTCCCC



[View online »](#)

CAGAAGAAAGTCCCCTATGCGAAGCCCATTCTGCCAGTTCCAGCAGGCCTGGATGCAAAAATAAAGTCC  
 CAATTCCTGCTCCAAATGAGGTGCTGAATGACAGGAAAGAGGATATTAAGTTAGAAGAGAAGAAAAAAC  
 CCAAGCAGAAATTGAGCAAGAAATGGCCACATTACAGTACACCAACCCGAGCTTTTAGAGCAACTTAAA  
 ATTGAAAGGCTTGACAGAAACAGGCTGATCAGATCCAGCCTCCTCCCTCATCTGGGACCCCTCCTCGG  
 GACCTCAGCCCTTTCTGGTCAGGTCGGATATCTCAGATTCTCAAGGTTTTTACGACGCCTCATCCGTC  
 TCAGCAGATGCCATTGGTGCCTCAAATGGGGCCTCCAGGTCCTCAGGGCCAGTTCAGAGCCCTGGACCC  
 CAGGCAAAATGGGACCACAAGGCCCTCAAATGCATCAAGGAGGGGGGGCCCAAGGATTTCATGGGAC  
 CACAAGGACCCAGGGCCCTCCCAGGGACTGCCACGGCCTCAAGACATGCACGGTCCACAAGGAATGCA  
 GAGGCACCTGGACCTCATGGCCCTTTGGGTCCTCAAGGGCCACCCGGACCTCAAGGTAGTTCTGGTCT  
 CAAGGTATATGGGCCCTCAGGGCCACCAGGACCACAGGGTCACATTGGCCCCAAGGCCCTCCTGCTT  
 CTCAGGGTCACATGGGCCCTCAGGGTCCACCCGGTACTCAAGGAATGCAGGGACCACCTGGTCCCAGAGG  
 AATGCAAGGACCTCCCCATCCACATGGGATACAGGGGGCCAGCGTCTCAAGGGATCCAGGGACCTCTG  
 ATGGGACTGAATCCAAGAGGCATGCAGGGGCTCCAGGACCTCGGAGAATCAGGGTCTGCTCCTCAAG  
 GGTTAATGATTGGCCACCACCTCAAGAGATGAGAGGACCACATCTCCAAGTGGATTGCTGGGACATGG  
 CCCTCAGGAAATGAGAGTCTCAGGAGATGCGGGGCATGCAGGGTCCCCACCACAGGGCTCAATGTTG  
 GGCCCTCCCAGGAACCTCGAGGACCTTCAAGTTCACAAGGGCAGCAGGGGCCACCCAGGGCTCTTTGG  
 GACCTCCACCCAGGGTGGCATGCAAGGACCCCTGGACCTCAGGGACAGCAGAACC CGGAAGAGGGCC  
 ACATCCATCTCAAGGGCCAATACCGTTCAGCAGCAGAAAGCACCTCTGCTAGGTGATGGGCCCGGGCC  
 CCCTTCAATCAGGAAGGACAGAGTACAGGTCCCCACCCCTTGATACCAGGCCTAGGGCAACAGGGTGCAC  
 AAGGCCGATCCCTCCTCTGAACCTGGACAAGGACCTGGCCCTAACAAAGGTGACACTCGAGGCCCTCC  
 CAACCATCACCTGGGCCCCATGTGAGAGGGCGCATGAGCAGAGTGGTGGCCCTGAGCATGGTCTGAC  
 AGGGGACCTTTCCGGGGTGGCCAGGACTGCAGGGTCTCCTGACAGGCGTGGCTCTCACCTGATTTCC  
 CTGATGACTTCAGACCAGATGACTTCCATCTGACAAGCGCTTTGGCCACCGGTTACGGGAGTTGAGGG  
 ACGAGGAGGACCCCTTACCACAAGAAGAGAAGTGGAGGCGAGGGGGCCCTGGACCTCCCTTCCCACCTGAT  
 CACAGGGAATTCATGAGGGGATGGCCGGGAGCAGCCGAGGCCCCAGGGGCATGGGAAGGCCGCA  
 GACCTGGAGATGACCGCTTCCCCGGGATCCTGATGACCCGCGATTTGAGGGGCGCAGGGAAGAGAGCTT  
 TAGAAGAGGTGCTCCCCAAGACACGAAGGCCGCTCCTCCAAGAGGAAGGGACAACCTTCTGCTGCT  
 GATGACTTTGGTCCAGAAGAGGGTTTTGATGCTTCTGATGAAGCAGCCCGAGGACGAGATCTCCGTGGTC  
 GAGGCCGTGGCACCCCTCGAGGAGGATCCAGGAAGTGCTTACTCCCCTCCTGATGAGTTTCTCGCTT  
 TGAAGGAGGACGGAAGCCAGACTCCTGGGATGGAATCGAGAGCCGGGCCAGGTGATGAACACTTTCGG  
 GATGCTCCCCGACCTGATCATCCCCTCACGATGGCCATTCGCCAGCTAGCAGAGAGCGCTCCTCTTCTC  
 TCCAAGGCATGGACATGGCCTCCCTACCACCCCGAAGGCCCCCTGGCATGATGGTTCGGGCACGTCTGA  
 ACACAGAGAGATGGAGGCCAAGGAGGCCCTCGGAAGACCGAGGAAGCAAGGGCCGAGGGGGCCAGGA  
 CCTTCCCAGAGAGTGCCAAAATCCGGCCGTTCCAGCTCTTTGGATGGAGACCATCACGACGGATACCACA  
 GAGATGAACCTTTTGGTGGCCCTCCAGGCAGCAGCTCATCCTCTCGAGGCGCCGGAGTGGCAGTAACTG  
 GGGTAGAGGGAGTAACATGAACTCTGGCCCTCAAAGGCGAGGCACTTCAAGAGGTAGTGGGAGGGCCGG  
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM\_028866

Insert Size:

3993 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).

<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_028866.3</a></u> , <u><a href="#">NP_083142.2</a></u>
<b>RefSeq Size:</b>	6206 bp
<b>RefSeq ORF:</b>	3993 bp
<b>Locus ID:</b>	74320
<b>UniProt ID:</b>	<u><a href="#">Q8K4P0</a></u>
<b>Cytogenetics:</b>	18 B1
<b>Gene Summary:</b>	<p>Essential for both cleavage and polyadenylation of pre-mRNA 3' ends.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>