

Product datasheet for **MC207873**

Wdr18 (NM_175450) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wdr18 (NM_175450) Mouse Untagged Clone
Tag: Tag Free
Symbol: Wdr18
Synonyms: 2310012I10Rik; AU044733; AW122032
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207873 representing NM_175450
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCGCCATGGAAGTGGTGGTGTACTGACGCCGCGGCACAGCTCTGGAGCTGCGTGGTGTGGG
AGCTTCATTCGGGCGCCAACCTGCTCACCTACCGAGGCGCCAAGCGGGCCGCGAGGCCTGGCGCTACT
CAATGGCGAGTACCTGCTGGCGGCGCAGCAGGGCAAGAATACTCTGCGCCTGGGAGCTGCAGCGTAAG
GATCAGCTCCAACAGAAAATCATGTGTCCTGGGCCTGTACCTGTCTGACCACAGCACCTAATGGCTTGT
ATGTCCTGGCAGGAATTGCAGAGAGCATCTACCTGTGGGAGGTCTGCACCGGGAACCTCCTGGTCATCCT
CAGCCGGCACTACCAGGACGTGTCTGCCTGAAGTTTACAGGGGATGGCAGTCATTTTGTCTCAGCGGGC
AAGGACTGCTTGGCGCTGGCCTGGAGCCTCTGCAGTGTGCTACAGGCAGACCCATCCAGGATCCTTGCC
CAAGACATGTCTGGTCCCAGCACACGCTCCCAATCACAGACCTGCACTGCGGCTTCGGAGGCCCCATGGC
CCGGGTGGCCACCGCTTCATTGGACCAGACTGTGAAGCTCTGGGCCATCTCCTCGGGGACCTGTGCTG
TCTGTCTTGTGACATGGGCATCACATCTGTGACCATGGACCTGGCCGAGCACCACATATCTGTGGAG
GCAGCGATGGCTCCATCTCCAGGTGGACCTGTGCAGCTGGCCCGGACTGAGGGAGCAGACTCCAGCC
TGAGCAGAACACAGGGAAGGTCTTCAAAGGACACAGGAACCAAGTGACATGCCTGTCAAGTCAACAGAC
GGCAGTGTCTGCTCTCTGGCTCCCACGATGAATCAGTGAGGCTGTGGGACGTGAAGAGCAAGCAGTGTCT
TGCGCACAGTCACCCCTCAAAGGCCAGTGACCAATGCAGCCATCATTCTGGCCCCACCCAGCATGCTGAA
CCCTGAATTCAGGCCAGCCTGCCCTGCCCACTTCAACAAGCACCTGTGGGGCTGAGCATGGAGAT
GAAGCCCAGGGTGGGGCTGCGCTGCAGCTAGGGCTCCACCTGCAGGGCAAAGAGCCTAGCTACCTGG
AGCGTCTGGAGCAGCTGCAGGCAGTGTGTCCAGCTACCTGGAGAAGAATGCTAGGCAGCCAGATGCT
GCCAGCACGTGTGTTGATCTGGAGGATGAGGTGCGTAGCCTGCGCAAGATCAACAGGGACCTGTTCCGAC
TTCTCCACGCGCATCATCACACGCCCTCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_175450
Insert Size:	1296 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_175450.4</u> , <u>NP_780659.2</u>
RefSeq Size:	2954 bp
RefSeq ORF:	1296 bp
Locus ID:	216156
UniProt ID:	<u>Q4VBE8</u>
Cytogenetics:	10 C1
Gene Summary:	May play a role during development (By similarity). Functions as a component of the Five Friends of Methylated CHTOP (5FMC) complex; the 5FMC complex is recruited to ZNF148 by methylated CHTOP, leading to desumoylation of ZNF148 and subsequent transactivation of ZNF148 target genes.[UniProtKB/Swiss-Prot Function]