

Product datasheet for **MC217405**

Wdr76 (NM_030234) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr76 (NM_030234) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr76
Synonyms:	5830411K18Rik; 6030457D09; AA517836
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217405 representing NM_030234
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGGCCTTATCTTCCAAGGCAGATTCCCTTCTGCTGAAATCATCCGTGGATGCTTATACTGAAAGTA
CCAGGCTGGGACCCAAGAGGACCTCGGATTCAGCGACTCTCAGTGTGGACGCGGAAAGCAGCGACGAAGA
CAGTGCACCAGGCTGGATGATTTTTCCAGGATTGTACCTTATGAAAGGAAGAGACTGAGGAACATCAGA
GAAATGCAAACCTTTTTGCTTCCCTTCAGTTAGCTGAGTCGGCTGCACGGCTCCGTGGGATGATAAAGA
AGCGCGAGTCACTGAGTCAAAGAGAAAGAGGCCCTAAGAAGAAAGAAAATGAAATTGGATGTGAAAGGTC
CATGCGGTTGTTGAAAGTAGACCCTTTGGGAGTTTCATTACCAGCATCTCCAACACAGCCAACATTAGTA
GAAGAAGAAGAAAATCCTTTGTTACCTCCTGGACCCTTAGAAATGATTCTGAAAACCAAGATGACAGCA
GTGAACGTGTGAAAGCATCTTTGAAGACATGGGCAGAGATGAGCCAGACAAGTAATGAGAAGACCAAGAA
GGGCTGTCTAGTATTAAGCTATAAAGCCAATTTAAGTGGCATGGTCATCAGTGAGGCTACTGTTTCGT
AAGGTGACCAAAGGAGCAATCTCCTCCGTGGCCCTCCACCCATCAGAAGTGAGAACCTTGGTAGCAGCTG
GGCCAAGTCTGGACAAATTGGACTTTGGGATTTGACCCAGCAGAGTGAAGATGCGATGTACGTTTTCTA
TGCTCACAGTCGGTATGTTAGCTGCCTCTCCTTCTCACCCACCAACCCAGCCATCTACTGTCCCTGAGC
TATGACGGCACACTGCGATGTGGTGATTTTTCCAGCGCTGTGTTGAGGAGGTGTACAGGAATGAGGGAA
ACAGCCCGTCTCCTTTGACTTCTTGAACGATTCTCCAGTCTGCTAGTGGGACACTGGGATGGACATTT
GTCAGTGGTAGATAGACGGACACCTGGAACCTTCTATGAGAAGTTTTTAATTCATCTTTGGAAAAATA
AGAAGTTCATGTCCACCCACTATCCAGACAGTATTTTGTACAGCAGGATTGAGGGACGTTTCATGTTT
ACGATGCCAGTTCCCTGAAGTCCAGGGGAAGCCAGCCTCTGATTTCCCTTGACTGAGCAGTGAAGGAT
TGCTCTGCATATTTCTCCCGTTACTGGTAACAGAGTGGTACTACATGTGCTGACTGTAAGCTCAGG
GTCTTTGACAGCAGCTCCATATCTTCCAGCTTCTCCTCAGTACCATCAGGCAACACTGTCACTG
GGAGGTGGCTAACGAGGTTCCAGGCTGTGTTGGACCCCTAAACAAGAAGATTGCTTCATAGTTGGTAGCAT
GGACCACCCACGACGGGTGGAAGTCTTCCACGAGTCGGGAAAGAATGTGCATTCTTTGGGGAGAATGT
CTTGTATCTGTGTTCCTCAGTGTGTGCATCTACCGATATATCCTGGCTGGAGGTAATCCAGTG
GCAAGTTACATGTTTTATGCATCAAGAAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_030234

Insert Size: 1575 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.

RefSeq: [NM_030234.2](#), [NP_084510.2](#)

RefSeq Size: 4294 bp

RefSeq ORF: 1575 bp

Locus ID: 241627

UniProt ID: [A6PWY4](#)

Cytogenetics: 2 E5

Gene Summary: Specifically binds 5-hydroxymethylcytosine (5hmC), suggesting that it acts as a specific reader of 5hmC.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes isoform 1.