

Product datasheet for **MC217839**

Wdr48 (BC048155) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr48 (BC048155) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr48
Synonyms:	8430408H12Rik; mKIAA1449; Uaf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC048155
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCCCATCACCGCAGAACACAGCCGGCGGAGGAAAGTGCAGGTTTCTTATGTAATTCGAGATG
 AAGTGGAGAAATACAATCGGAATGGAGTCAATGCCCTGCAACTGGACCCAGCACTCAACAGACTCTTAC
 AGCAGGTCGAGACTCCATCATAAGAATATGGAGTGTCAATCAGCACAAGCAAGATCCGTACATAGCATCT
 ATGGAGCACCATACAGACTGGTAAATGATGTCGTGCTCTGTTGCAATGGGAAAACGCTAATTTCTGCTT
 CTTCAGACACAACAGTCAAAGTCTGGAATGCACATAAAGGGTTCTGCATGTCCACACTCAGGACGCATAA
 GGACTATGTAAGGCCTTAGCGTACGCCAAGGATAAAGAGCTGGTAGCGTCAGCTGGGCTGGACAGACAG
 ATATTCTTTGGGATGTGAACACTCTGACGGCACTGACTGCCTCAAACAACACCGTTACAACCTTCTTCTT
 TAAGTGGAAACAAAGACTCCATTTATAGCCTGGCCATGAACCAACTGGGAAACAATCATTGTATCAGGGTC
 CACTGAGAAGGTTCTGAGAGTGTGGGATCCAAGAACCTGCGCGAAACTCATGAAGCTGAAAGGACATACG
 GACAATGTGAAGGCCTTGTCTGCTGCACAGGACGGCACACAGTGCCTCTCTGGGAGTTCTGACGGGACCA
 TTCGCTGTGGTCCCTTGGCCAGCAGAGATGTATAGCAACATACCGAGTCCATGATGAAGGTGTTTGGGC
 CCTACAGGTCAACGATGCCTTTACACATGTATATTCTGGAGGACGAGACAGGAAAATCTACTGCACAGAC
 CTAAGGAACCTGACATTCGGGTACTGATTTGTGAAGAAAAAGCACCAGTTCTCAAGATGGAACCTTGACA
 GATCAGCAGATCCCCCTCTGCAATCTGGGTGCAACAACAAAGTCCACAGTAAATAAGTGGACACTGAA
 GGGAAATCATAATTTTCGAGCCTCTGGTGATTATGACAATGATTGTACAAACCCATAACGCCCTCTGC
 ACACAGCCCGACCAAGTTATTAAGGGGGCGCTAGTATTATTAGTCCACATCCTAAATGACAAGCGAC
 ACATATTAACCAAAGATACGAATAACAATGTGGCGTACTGGGATGTATTGAAGGCATGCAAAGTGAAGA
 TTTGGCAAAGTGGACTTTGAAGATGAAATTAAGAAAAGATTTAAATGATGCTGACCATTACCCTGGAT
 GAGAGTACTGCTTCGCTGCCTGGGTTTCTGCGAAAGATGCTGGCTTTAGCAGTCCATGATGGGTCAGACC
 CAAAAGTGAACCTTAGGAGGACTTCTACTACAGGCACTGCTGGAATACTGGCCAGGACACATGTGACTCC
 CATGGATGAAGAAGAGAATGAAGTGAACCATGTGAGTGGGGGACAGGAGCAGAGTCCAGAAGGGAAAT
 GGTTATTTCCAAGTCCCCCACACACCCCGGTGATCTTTGGAGAAGCTGGAGGTCGCACACTATTCAGGC
 TGCTCTGCCGGGACTCCGGGGTGAGACTGAGGCGATGCTTCTCAATGAGACGGTCCACAATGGGTGAT
 TGACATCACTGTGGATAAAAATATGCCAAATTAACAAAATTCCTTTCTACCTCAACCTCATGCATCT
 TCAGGAGCAAAAACCTTTAAAAAAGACAGGCTGTCTGCCAGTGCATGCTGCAGGTCGGGAAGGTGATGG
 AGCAGCTCTACGAGAAGATTATCAACCTGGACAATGAGTCCCAAACCAACAGCTCTTCTAATAATGAAAA
 GCCAGAGCAGGAGAAGGAGGAGGACATCGCGGTATTGGCAGAGGAGAAAATTGAACCTTCTGTGCCAGGAC
 CAGGTTTTGGACCCAAATATGGACCTTCGGACAGTAAAGCACTTCATATGGAAGAGTGGTGGGGACCTCA
 CCTCCATTACCGTCAGAAGTCCACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC048155

Insert Size: 1989 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: [BC048155](#), [AAH48155](#)

RefSeq Size: 3799 bp

RefSeq ORF: 1988 bp

Locus ID: 67561

Cytogenetics: 9 F4

Gene Summary: Regulator of deubiquitinating complexes. Acts as a strong activator of USP1 and USP46. Enhances the USP1-mediated deubiquitination of FANCD2; USP1 being almost inactive by itself. Also activates deubiquitinating activity of complexes containing USP12. Activates deubiquitination by increasing the catalytic turnover without increasing the affinity of deubiquitinating enzymes for the substrate.[UniProtKB/Swiss-Prot Function]