

## Product datasheet for **MC216190**

### Wdr41 (NM\_172590) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr41 (NM_172590) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr41
Synonyms:	B830029I03Rik; MSTP048
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216190 representing NM\_172590  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCGCTGGCTGATCGGAGGAGCCGCGAGCCGAGGCCTAGCCGAGAAAGCTGCTTTCAGACAA  
 TAGGAGAGGACCAAGGTCAGAACCCTATACTGAAGTCTGGTACTGGAGGCTCATCGCGACATTGTCCG  
 CTTCTGGTGAGGCTCGATGACTTCAGGTTTGCATCTGCTGGCGATGATGGAATTATAGTTGTGGAAT  
 GCCCAGACAGGAGAAAACTTCTGGAAGTCAAGGACACACTCAGAAGATAACGGCTGTCAATTGCGTTTC  
 CTCCTAGACTCGTGTGAGGCCAGCAGTCACTTCTCTTACAGCCTCGGCTGACCGGACTGTCGGTGT  
 TTGGGATTGCGACACCGGCCGCAATCCAGAGAGTCACTGCTTCCAGTCTACGGTAAAGTGTGGACC  
 GTTCTTCAGAGACTGGACATTTGGCTGTCAGGCGGTAGTGACCTAGGCGTGTGGAACCGAAAGTTAGATC  
 TGCTGTGTAACACAGCCACCTATCCGACACAGGGATCAGTGTCTTGGTTGAAATCCCTGGGAAGTGTG  
 CGCCGACAGTGGCCAGAGAATTGATAATTTTAGGCTTGTGACACCCACAGAAGAATTGCCGGAATGG  
 GATATTATTGAAGTTAAACGCCTTCTTGATCACCAGGACAATATTCTGTCAATTGGCTAACATCAATGATA  
 CAGGTTTCGCTCACTGGCTCCACGTTGGCGAGCTGCTCATCTGGGATGCCCTGGACTGGACTGTGCAGGC  
 CTGTGAGCGCACCTTCTGGAGCCGACCGCACAGCTGGATGCCAGCAGGAAATAAAGCTCTTCCAAAA  
 CAAATGATATTTCTATTAATCATTTCACATGCGATGAAGAGAATATATTTGCTGCAGTTGGAAGGGGT  
 TATATGTTGATAACCTACAGTTGAAGCGTGTGATTGCCTGCCAGAAAAGTGCACATGATTCACATCCT  
 ACACATCGATAAACTTCCAAACAGGCAGTAAATCTCATGCTCGGAAGATGGCGCTGTGCGCATGTGGGAG  
 GTCCGAGAAAAACAGCAGCTGGCAGCTGAGCCAGTCCCAACAGGATTTTTAATATGTGGGATTTGGAA  
 GAGTAAACAACAGGCCAGCCAGCCTGTTAAAAAGCAGGAAGAAAACGTTACCACGTGTTCCCTGGAGCT  
 CATCGGAGATCTCATTGGACATTCATCGTCTGTGAGATGTTTCTATACTTTGAGGATCATGGACTAGTG  
 ACATGCTCTGCAGATCATCTCATTATTTGTGGAAAAATGGAGAGCGAGAATCTGGAGTACGCAGCTTAA  
 AGTTATTTCAGAAGTTAGAAGAGAACGGTGACTTATACCCAGAGTCCCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_172590
- Insert Size:** 1383 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\\_172590.3](#), [NP\\_766178.2](#)

RefSeq Size: 3069 bp

RefSeq ORF: 1383 bp

Locus ID: 218460

UniProt ID: [Q3UDP0](#)

Cytogenetics: 13 C3- D1

**Gene Summary:** This gene encodes a protein of unknown function, but which contains a WD40 domain consisting of six WD40 repeats. The WD40 domain is one of the most abundant protein domains in eukaryotes, and is found in proteins with widely varying cellular functions. However, proteins with this domain often provide a rigid scaffold for protein-protein interactions. [provided by RefSeq, Aug 2012]