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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC216190 representing NM_172590
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGCGCTGGCTGATCGGAGGAGGCCGCGAGCCGCAGGGCCTAGCCGAGAAAGCTGCTTTGCAGACAA
TAGGAGAGGACCAAGGTCAGAACCCCTATACTGAACTGCTGGTACTGGAGGCTCATCGCGACATTGTCCG
CTTCCTGGTGAGGCTCGATGACTTCAGGTTTGCATCTGCTGGCGATGATGGAATTATAGTTGTGTGGAAT
GCCCAGACAGGAGAAAAACTTCTGGAACTCAGAGGACACACTCAGAAGATAACGGCTGTCATTGCGTTTC
CTCCCCTAGACTCGTGTGAGGCCAGCAGTCAGCTTCTCTTGACAGCCTCGGCTGACCGGACTGTCGGTGT
TTGGGATTGCGACACCGGCCGGCAAATCCAGAGAGTCACGTGCTTCCAGTCTACGGTAAAGTGCTTGACC
GTTCTTCAGAGACTGGACATTTGGCTGTCAGGCGGTAGTGACCTAGGCGTGTGGAACCGAAAGTTAGATC
TGCTGTGTAAAACCAGCCACCTATCCGACACAGGGATCAGTGCTTTGGTTGAAATCCCTGGGAACTGTGT
CGCCGCAGCAGTGGGCAGAGAATTGATAATTTTTAGGCTTGTGACACCCACAGAAGAATTGCCGGAATGG
GATATTATTGAAGTTAAACGCCTTCTTGATCACCAGGACAATATTCTGTCATTGGCTAACATCAATGATA
CAGGTTTCGTCACTGGCTCCCACGTTGGCGAGCTGCTCATCTGGGATGCCCTGGACTGGACTGTGCAGGC
CTGTGAGCGCACCTTCTGGAGCCCGACCGCACAGCTGGATGCCCAGCAGGAAATAAAGCTCTTCCAAAAA
CAAAATGATATTTCTATTAATCATTTCACATGCGATGAAGAGAATATATTTGCTGCAGTTGGAAGGGGGT
TATATGTGTATAACCTACAGTTGAAGCGTGTGATTGCCTGCCAGAAAACTGCACATGATTCCAACATCCT
ACACATCGATAAACTTCCAAACAGGCAGTTAATCTCATGCTCGGAAGATGGCGCTGTGCGCATGTGGGAG
GTCCGAGAAAAACAGCAGCTGGCAGCTGAGCCAGTCCCAACAGGATTTTTTAATATGTGGGGATTTGGAA
GAGTAAACAAACAGGCCAGCCAGCCTGTTAAAAAGCAGGAAGAAAACGTTACCACGTGTTCCCTGGAGCT
CATCGGAGATCTCATTGGACATTCATCGTCTGTCGAGATGTTTCTATACTTTGAGGATCATGGACTAGTG
ACATGCTCTGCAGATCATCTCATTATTTTGTGGAAAAATGGAGAGCGAGAATCTGGAGTACGCAGCTTAA
AGTTATTTCAGAAGTTAGAAGAGAACGGTGACTTATACCCAGAGTCCCCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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.

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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]

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