

Product datasheet for **RN204045**

Wdr48 (NM_001135895) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr48 (NM_001135895) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wdr48
Synonyms:	RGD1309702
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204045 representing NM_001135895
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCCCATCACCGCAGAACACAGCCGGCGGAGAAAAGTGCAGGTTTCCTATGTAATTCGAGATG
 AAGTGGAGAAGTACAATCGGAACGGAGTCAATGCCCTGCAACTGGACCCAGCACTCAACAGACTCTTCAC
 AGCAGGTCGAGACTCCATCATAAGAATATGGAGTGTCAATCAGCACAAGCAAGATCCATACATAGCATCT
 ATGGAGCACCACAGACTGGTGAACGATGTTGTACTCTGTTGCAATGGGAAAACACTAATATCTGCTT
 CTTCAGACACAACAGTAAAAGTCTGGAATGCACATAAAGGGTTCTGCATGTCCACCCTCAGGACGCATAA
 GGACTATGTCAAGGCTTGGCGTATGCCAAGGATAAAGAGCTGGTAGCATCGGCTGGGCTGGACAGACAG
 ATATTCTTTGGGATGTGAACACTTTGACAGCACTGACTGCCTCAAACAACACTGCACAACCTTCTTCTT
 TAAGTGGAAACAAAGATCCATTTATAGCCTGGCCATGAACCAACTGGGAAACAATCATTGTATCTGGGTC
 CACTGAGAAGGTTCTAAGAGTGTGGGATCCAAGAACCTGTGCGAAACTCATGAAGCTGAAAGGACACACG
 GACAATGTGAAGGCCCTGCTGCTGCACAGGACGGCACACAGTGCCTCTCTGGGAGTTCTGATGGGACGA
 TTCGCTGTGGTCCCTTGGCCAGCAGAGATGTATAGCAACATACCGAGTCCATGATGAGGGCGTTTGGGC
 CCTACAGGTCAATGATGCCTTCACACATGTCTATTCTGGGGACGGGACAGGAAGATCTACTGCACAGAC
 CTAAGGAACCTGACATTCGGGTGCTGATTTGTGAAGAAAAAGCACCAGTTCTCAAGATGGAACTTGACA
 GATCAGCAGATCCCCCTCTGCAATCTGGGTGCAACAACAAAGTCCACAGTAAATAAGTGGACTGAA
 GGGAAATCATAATTTCCGAGCCTCTGGTATTATGACAATGATTGTACAAACCCATAACGCCCTCTGC
 ACACAGCCGACCAAGTTATTAAGGGGGCGCTAGTATCATCCAGTCCACATCCTAAATGATAAGCGAC
 ATATATTGACAAAGATACGAATAACAATGTGGCCTACTGGGACGTGTTGAAGGCATGCAAGTGAAGA
 TTTGGGCAAAAGTGGACTTCGAAGATGAAATTAAGAAAAGATTTAAATGGTGTATGTTCCAAATTGGTTC
 TCAGTAGACCTAAAAACAGGGATGCTGACCATTACTCTGGATGAAAGCGACTGCTTCGCTGCCTGGGTTT
 CTGCGAAAGATGCTGGCTTCAGCAGTCCCGATGGGTGAGACCCAAAACACTGAACTTAGGAGGACTTCTACT
 ACAGGCCCTCCTGGAGTACTGGCCAGAACACATGTGACTCCCATGGACGAGGAGGAGAATGAAGTGAAC
 CATGTGAGTGGGAACAGGAGAGCCGAGTCCAGAAAGGAAATGGTATTTCCAGGTGCCCCCCACACCC
 CCGTGATCTTTGGAGAAGCTGGAGTGCACACTTTTCAGGCTGCTCTGCCGGGACTCCGGGGCGGAGAC
 CGAGGCAATGCTTCTCAATGAGACCGTCCACAATGGGTGATCGACATCACTGTGGATAAAAAATATGCC
 AAATCAACAAAATTCCTTTCTACTCCAACCTCATGCATCTTCAGGAGCAAAAACCTTTAAAAAAGACA
 GACTGTCTGCCAGTGACATGCTGCAGGTCGGAAAGGTGATGGAACACGTCTACGAGAAGATTATCAACCT
 GGATAACGAGTCCAAAACCACCGCTCTTCTAATAATGAAAAACCAGAGCAGGAGAGGAGGAGGACATT
 GCTGTGTTGGCAGAGGAGAAAATTGAGCTTCTGTGCCAGGACAGGTTTTGGACCCCAATATGGACCTTC
 GGACAGTAAAGCACTTCATATGGAAGAGTGGTGGGACCTCACCTCCATTACCGTCAGAAGTCCACGTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135895

Insert Size: 2031 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_001135895.2, NP_001129367.1</u>
RefSeq Size:	3796 bp
RefSeq ORF:	2031 bp
Locus ID:	363164
Cytogenetics:	8q32