

Product datasheet for **RN216869**

Wdr34 (NM_001005542) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr34 (NM_001005542) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wdr34
Synonyms:	MGC95297
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216869 representing NM_001005542
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAATTAGCGCATCGCCAGGCCTTTTCGCGGGTTGGAAGCGCCAGAGTTGCTGCGCTGGCTGCTG
 GCGGGGCTGGCGCGGGGAGCGGCGGGGACGGCCCGCCTCTGCAGGATGAGACCCTGGGCGTGGCGTC
 TGTGCCGTCTCAGTGGAGGAGTGTGCAGGGCATCCGTGGGGAACCGAAAAGTTGCCAGACAGCGGCATT
 GCCACCGCAGAGGCATCTGCGCAGGCCCGGACACATGCAGATGCCAGGTGCAGACAGAGGCTCCCGAGG
 AGCCAGCGGCTGTGGCTCCTGTGTCCCAGTACGACACCCTCAGACTCGCAGCCTTTCTCCGGAGGGTGA
 GGCCATGGTCGTCGGGAGCTGAACAACAAGTGGCAGAGCCATGCCTTCGATGGCTATGAGGTCAACTGG
 ACTGAGCAGCAGCAGACGGTGTCTGTGCACACCCTGGGCTACCCCCAGCCCAAGGGCAGGGTCTGC
 ATGTGACTGGCATTCTTCTGGAACACCACAGGCTCTGTGCTGGCCTGCGCCTATGGTGGCTAGACGATGG
 AGACTGGGTACTCAAGTCTATGTGTGCACCTGGAACCTGGACCGCAAGGCCTGAACCCCATCAG
 CCATCAGTAGTGGTGGAGGTGCCAGTGTGCATGTGCCTGGCCTTTCATCCCATACAGCCCTCCACA
 TTGCAGGGGGGCTGTACAGTGGTGAAGTCTGGTGTGGGACATGAGCCGACCTGAGGACCCACTGCTTTG
 GCGTACAGGTCTGACAGATGACACTCACACAGACCCAGTGTATCAGGTGCTATGGTTGCCGGAACCCCGG
 CATAGCCACCGCTTCCAGGTCTGAGTGCAGCCACGGATGGGAGGGTGTGCTCTGGAGGGGAGTGGGG
 CTGGCCAGCTGCGCCTCTCCAAGGGCTTGGCCCTGGCTGTGCAGCAGCTGCCCGGAGCACCAGCTGAA
 GAAGCCTCCCGAGGAGAGACTGAGGTGGGGTGCATCGGTGGCCTTCTCCAGCTTTGACTCCAGCCTT
 TTCGTTCTGGGCACAGAAGGTGGCTTCCCCTCAAGTGTCTCCCTGGCAGCGGAAGCAGCTGCTCTCACTC
 GGATGCCAGCTCCGTGCCACTTAGGGCCCCGGTGCAGTTCACCTTCTCTCCCCATGGTGGCCCTGTGTA
 CTCTGTGAGTGTCTCCCTTTTACAGGAATCTTCTCTGAGTGTGGGACCGATGGCCACGTCCACCTG
 TACTCCATGCTGCAGGCCAGCCTCTCACCTCACTGCAGCTCTCTCACAAGTACCTGTTTGTGTGCGCT
 GGTCCCCTGTGCGCCCTTGGTTTTGCTGCTGCTTCTGGGGAAGGTGATGTACAAGTGTGTTGACCTCCA
 GAAAAGCTCACAGAAACCCACGGTTTTCCATAACACAAACCCAGGATGGAAGTCTGTCTACTGTCTTGA
 TTTAACAGCCAGCAGACGAGCTCTGGCTGCTGGCGATGCTAAGGGCGTGGTCAAAGTGTGGCAGCTGA
 GCACAGCCTTACGGAACAAGGACCCCGAGAGGCCGAGGACTTGGACCAGCTGGAAGCTGAAATCGCTAC
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001005542
- Insert Size:** 1614 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001005542.2](#), [NP_001005542.2](#)

RefSeq Size: 1882 bp

RefSeq ORF: 1614 bp

Locus ID: 296618

Cytogenetics: 3p12