

Product datasheet for **RN209701**

Wdr33 (NM_001107398) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr33 (NM_001107398) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wdr33
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209701 representing NM_001107398 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTACAGAAATTGGCTCTCCTCCACGATTTTTCCATATGCCGAGGTTCCAGCACCAGGCTCCCCGAC
AGTTGTTCTATAAGCGGCTGACTTTGCACAGCAGCAGGCAATGCAGCAGCTCACCTTTGACGGGAAGCG
GATGAGAAAGGCCGTGAACCGAAAACCATAGACTACAACCCCTCTGTCATTAAGTATTTGGAGAATAGG
ATATGGCAAAGAGATCAGAGAGATATGCCGGCAATTCAGCCGGATGCAGGTTATTATAATGATCTGGTCC
CACCTATAGGAATGTTGAATAATCCTATGAATGCAGTAACAACGAAATTTGTTAGGACATCAACAAACAA
AGTAAATGCCAGTGTTTGTGTGAGGTGGACCCGGAAGGACGGTTGGTCACTGGAGCTTCTAGT
GGGGAGTTCACCTTGGAACGGGCTGACTTTCAACTTTGAAACCATATTGCAGGCTCATGATAGCCCTG
TGAGGGCCATGACTTGGTACATAATGACATGTGGATGTTGACAGCAGATCATGGAGGATATGTAAATA
TTGGCAATCCAACATGAACAACGCAAGATGTTCCAGGCACATAAGGAGGCGATTAGAGAGGCCAGTTTC
TCAACCACGGATAATAAATTTGCTACATGCTCTGATGACGGCACTGTTAGAATCTGGGATTTTCTCGTT
GCCATGAGGAAAGATTCTCCGAGGTCATGGTGTGATGTGAAGTGTGTAGATTGGCATCCAACCAAGG
GTTGGTTGTTTCAGGAAGTAAAGATAGCCAGCAGCCAATCAAGTTCTGGGACCCCAAGACTGGGCAGAGT
CTTGCAACACTTCACGCCATAAAAAACAGGTGATGGAAGTGAATTAACCTCAACGGCAACTGGCTCC
TCACGGCTCTCGTGACCATCTCTGTAAGCTTTTCGATATCCGAAACCTGAAAGAAGAGCTTCAGGTATT
CCGAGGTCACAAGAAGGAAGCCACAGCTGTAGCCTGGCATCCTGTCCACGAAGGACTTTTTGCCAGCGGA
GGATCCGACGGCTCCTTGTATTCTGGCACGTTGGGGTGGAGAAGGAAGTAGGTGGGATGGAGATGGCCC
ACGAAGGGATGATCTGGAGTTTGGCTTGGCATCCTCTGGGACATATTCTCTGCTCGGGCTCAAATGACCA
TACCAGCAAATTTGACTCGAAATCGGCCAGGTGACAAAATGCGAGATCGATATAATCTGAACCTTTTA
CCTGGCATGTGAGAAGCGGAGTAGAGTATGATGACCTGGAACCTAATAGCCTGGCAGTATTCCAGGGA
TGGGAATCCAGAACAACTGAAACTGGCCATGGAGCAGGAGCAGATGGGGAAGATGAATCAAATGACAT
TGAAATGACAATTCAGGCTTGATTGGGGAATGGAAGAAGTAAATGCAAAAAGGATCAGAAAAAAGTTCTCT
CAGAAGAAAGTCCCTTATGCAAAGCCATTCTGCTCAGTTCCAGCAGGCTGGATGCAAAAATAAGTTCC
CAATTCCTGCTCCAAATGAGGTGCTGAATGACAGGAAAGAGGATATTAAGCTAGAAGAGAAGAAAAAAC
ACAAGCAGAAATCGAGCAAGAAATGGCCACGCTGCAGTATACCAACCCACAGCTTTTAGAGCAACTTAAA



[View online »](#)

ATTGAAAGGCTTGCCAGAACAGGCGCATCAGATCCAGCCTCCTCCCTCGTCTGGTACTCCTCTCCTCG
 GACCTCAGCCCTTTCTGGTCAAGGCCAATGTCTCAGATCCCTCAAGGTTTTACAGCAGCCTCACCACATC
 TCAGCAGATGCCATTGGTGGCTCAAATGGGGCCTCCAGGTCCACAGGGCCAGTTCAGAGCCCCTGGACCC
 CAGGGACAAATGGGACCACAAGGCCCTCCATTGCATCAAGGAGGTGGGGGCCACAAGGATTCATGGGAC
 CACAAGGACCCCAGGGCCTCCCAGGGTCTGCCACGGCTCAGGACATGCATGGTCCACAAGGAATGCA
 GAGGCACCCTGGACCTCATGGCCCTTTGGGACCTCAAGGGCCACCCGGACCTCAAGGTAGTCTGGTCTC
 CAAGGCATATGGTCTCAGGGTCCACCAGGACCTCAGGGTACATTGGCCCCCAAGGCCACCTGCTC
 CTAGGGCCATATGGGCCACAGGGTCTCCTGGTACTCAAGGAATGCAGGGACCACCTGGTCCAGAGG
 AATGCAAGGACCTCCTCATCCTCATGGGATACAGGGTGGGCCAACATCTCAAGGGATCCAGGGACCTCTG
 ATGGGACTGAATCCAAGAGGAATGCAGGGACCCCCAGGACCTCGGGAGAATCAGGGTCTGCTCCTCAAG
 GGATAATGATTGGCCATCCACCTCAGGAGATGAGAGGACCACATCCTCCAAGTGGACTGCTGGGACATGG
 CCCTCAGGAAATGAGAGGTCTCAGGAGATGCGGGGCATGCAGGGGCCTCCACCAGGGGTCAATGTTG
 GGCCCTCCCAGGAACTTCGAGGACCTCAGGTTACAGGGGCAGCAGGGGCCACCCAGGGCTCTTTGG
 GACCTCCACCCAGGGTGGCATGCAAGGACCCCTGGACCTCAGGGACAACAGAACCAGGCAAGAGGGCC
 ACATCCATCTCAAGGGCCAATACCATTCCAGCAGCAGAAAAGCACCTCTGCTAGGTGATGGCCCCGGGCC
 CCCTTCAATCAGGAAGGACAGAGTACAGGTCCCCACCCCTTGATACCAGGCCTAGGGCAACAGGGAGCAC
 AAGGCCGATTCTCCTCTGAACCCTGGACAAGGACCCGGCCCTAACAAAGGTGACTCTCGAGGCCCTCC
 CAACCATCACCTGGGCCCATGTGAGAGAGGGCGCATGAGCAGAGCGGTGGTCTGAGCATGGTCTGAC
 AGGGGACCTTTCCGGGTGGCCAGGACTGCAGGGGTCTCCTGACAGGCGTGGCTCTCACCTGATTTCC
 CTGATGACTTCAGCAGACCAGATGACTTCCATCCTGACAAGCGCTTTGGCCACCGGTTACGGGAATTCGA
 GGGACGAGGAGGACCTTACCACAAGAAGAAAAGTGGAGGCGAGGGGGCCCTGGACCTCCCTTCCACCT
 GATCACAGGGAGTTCAATGAGGGGGACGGCCGGGTGCAGCCGAGGGCCCTCAGGGGCATGGGAAGGCC
 GCAGACCTGGAGACGAACGATTCCCCGGGATCCTGATGACCCAGGATTCGAGGGCCAGAGAAGAAAG
 CTTTAGAAGAGGTGCTCCCCAAGACACGAAGGCCGTGCTCCTCAAGAGGAAGGACAACCTTCTGCTG
 CCTGATGACTTTGGTCCAGAAGAGGTTTTCGATGCTTCTGATGAAGCAGCCGAGGACGAGATCTCAGAG
 GTCGAGGCCGTGGCACCCCTAGAGGGGGATCCAGGAAGTCTTACTCCCCACTCCTGATGAGTTTCTCG
 CTTTGAAGGAGGACGGAAGCCAGACTCCTGGGATGGAACCGAGAGCCCGGACCAGGTGATGAACACTTT
 CGTGATGCTCCCCGTCTGATCATCCCCCTCACGATGGCCATTACCAGCTAGCAGAGAGCGCTCCTCTT
 CTCTCAAAGGCATGGACATGGCCTCCCTACCACCCGGAAGCGCCCTGGCATGATGGTTCGGGCACTTC
 TGAACACAGAGAGATGGAGGCCAAGGAGGCCCTCGGAGGACCGAGGAAGCAAAGGCCGAGGGGGCCCA
 GGACCTTCCCAGAGAGTCCAAAATCCGGGCGTCCAGCTCTTTGGACGGAGACCATCATGATGGATACC
 ACAGAGATGAACCTTTTGGTGGCCCTCCAGGCAGCAGCTCATCTTCTCGAGGGGGCCGGAGTGGCAGTAA
 CTGGGGTAGAGGGAGTAACATGAACTCTGGCCCTCCAAGGAGAGGCACTTCAAGAGGTAGTGGGAGGGGT
 CGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107398
- Insert Size:** 3996 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_001107398.2](#), [NP_001100868.2](#)

RefSeq Size: 4525 bp

RefSeq ORF: 3996 bp

Locus ID: 307524

Cytogenetics: 18p12