

Product datasheet for **MC220351**

Wdr43 (NM_175639) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr43 (NM_175639) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr43
Synonyms:	2610318G08Rik; AU020887; AV024208; mKIAA0007; Wrd43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220351 representing NM_175639
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCGCGGAGCGCGGTAGCTACGACCCCTTGGCCCGCGGGGGTCCCCTGCGCCTTCTCGCCGG
 ACAGTCAAGCCTACTTTCGCTTTAGCCTCTAGTGACGGTCAGCTGCGAGTATGGGAGACCGCAACAACCG
 GCTGCACCAGGAGTACGTGCCTTCCGCGCACCTCAGCGGTACCTGCACCTGCCTGGCCTGGGCGCCAGCA
 CGGCTGCAGGCCAAGGAAAGTCAATCAAAGGAAAAAGGAAATCGGAAGTTACAGGAACAAGGACCAGG
 CTGACCTGTTGGCTTTGGCAGCGCAGTTGGTAGCATTATTATTGTATAGTACAGTAAGAGGAGAGTTGCA
 CAGTAAATTAACAAGTGGTGGGCATGAAAAAGAGTGAATTGCATACAGTGGCATCAAGACAATGACTGC
 TTATATAGTTGTTAGATGATAAGTATATTGTGGAGTGGAGTACACAGACATGCAAAGTAAAGTGAACAT
 GAAAGGAGACAATAGCAGCGTCAGTCCCTGTGTATCAGCCAGATGAAAGATGTTACTTTTCAGCTGG
 TCGAACAATCAAATATGGGTTTTGGAGACCAAGAAGTCTACAGACACTTCACAGGACATGCGACACCT
 GTTTCGTCGCTTAGGTTACGACCATCAGACCTAATGAGAGCCAGCCTTCTGATGGGATTACAGGCCCTT
 ATTTCTTGTCTGGAGCCGTACACGACCGATTACTTAATGTCTGGCAGGTCGGGTACAGAGAACAAGGAGAA
 GAGTGCAGTGTGCTTTTACAGTACAGACGAGCCTGTCTATGTTGACTTGACTTTGTCAGAAAACAAA
 GAAGAGCCTGTCAAGTTAGCTGTTGTTTGCAGAGATGGTCAAGTTCATCTTTTTGAACACATATTAATG
 GACATTGCAAAAAGCCCTTGACTTCAAATGCACAATCCAGATCGCAACACCTGGAAAGGCAAGAAAGT
 AACACCAAAACCCATCCCTATTCTAGCAGCTAGCTTTTGCTTAGACAAAATGTCCTTATTGCTGGTGTAT
 GGAATTTGGTTTTCAGCCTACCATTGAGCGAGTGGCTTTGAACTCCAAGATACTCATATATGTTTGGAAA
 GAGATATTTCAAATGCTGGGCTCCAACAGTAGAAACTGCTATAACCAAGGTAACCAACACAGTAATGAA
 TTCTGAAGCAAAAAGTTTTGGTGCCTGGGATTCTGGACATCATGCGCCAATCAAGCTGCCGCCCGCCAG
 CCCAAGGAGGCCGAGAACAAGAGGAAATTTGGGAGTACTGAGGCTACCATCGAGGAGCGCCTTGGTGCCA
 TGGACCTAGATAGAAAAGGAAGGAGGACGACCTCAGACAAACAGCTTTGCAAGTCTCCTTACACAGGG
 CTTAGAAAAGCAATGATTTTGAATATTAACAAAGTGTCTCAAACATAAGAAATGTAACCTAATAAAGAGG
 ACTGTGCTGAGGATACCGTTGCGTGTGTTATTCCACTGTTGCAAGAGCTTACGAAGAGGTTACAGGGAC
 ATCCCAATAGTGTGCTTAATGATTCAAGTGGCTGAAGTGTGTGCTGACGATCCATGCATCATACCTATC
 TACGTTGCTGACCTAGTAGAGCAGCTGGGAACACTCTACCAGCTGATGGAAGCAGAGTCAAACTTTTC
 CAGAACTCTCAAACCTGCATGGAACACTATTCTTCTCGTCACGCAAGTTACAGCATCAGAAAAATCGA
 AAAAAATGACCTCTCCCGACAGAAGGCAAAATTTGGTGTATGAAGAAGAGTCTTCTGAGGAGGAGTCTGA
 CGATGAGGTTCCAGAGAAGGATTCTGATGATAATTTGGGACGAAGATGAAGACAAAGACAGTGA AAAAGAT
 GAGGGCGTTGATGAAGACAATGAGGAGGAAGATGAGGACATGGAAGACAAAGAAGAGAATGAGGAGGACA
 GAGAAGTGTCAAGTGA AAAAGAATTAATGGAGATTCGGATTTAGATCCTGAAAACGAGAGTGAAGAAGA
 ATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_175639
- Insert Size:** 2034 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_175639.1](#), [NP_783570.1](#)

RefSeq Size: 3450 bp

RefSeq ORF: 2034 bp

Locus ID: 72515

UniProt ID: [Q6ZQL4](#)

Cytogenetics: 17 E1.3

Gene Summary: Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I.[UniProtKB/Swiss-Prot Function]