

Product datasheet for **MC221951**

Wdr75 (NM_028599) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Wdr75 (NM_028599) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Wdr75 |
| Synonyms: | 1300003A18Rik; 2410118119Rik; C77608 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC221951 representing NM_028599
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTAGAAGAGGGAGTCCGCGTGGTTCGCTCGCGCGGCAGCCGGCTGAACTTCAGGAGGGCCGTGTTCT
 CCGTGGATTCCAAGTATATCTTCTGTGTCTCGGGAGACTTTGTCAAGGTCTATAGCACGACCACAGAAGA
 GTGTGTGCACATTCTGCATGGGCACACAGATCTGGTGTCTGGAATCCTCGTCAACCCAGCAACCATCTG
 CAGCTCTACTCTTGTTCCTTTGATGGCACAATTAAGCTGTGGACTATGTTGATGGCATTCTGATAAAGA
 CTTTCACTATTGGACCTAACTCCACGCTTCTTTATTCTCTCCACGCGGAAGATTCCGCTTCTCTTAC
 AATAAGTAAAGAAGGCCAGATATATTTAGCTGGTGTGAGTGAAGCTGCCCAAATCAACAAGCCAGGAC
 GTGGAAGCTAGACAGCTCACCTTTGTTTTGGATTACATAAATAGGTCCCCAAGTGCATTGCCTTTGGAA
 ATGAGGGAGAATACGTTGCTGCAGTCCGGGACTTTTACTTATCTGTTATTTTTTCAAAAAGAAAAAAC
 ATGCAATTTTACTTTACCATCAACAAAAACAAGAAGAATGCAAAGAACAAGTTCACATGTGTAGCCTGC
 CACCCGAAGGAAGATTGCATTGCATCTGGTCACATGGACGGCAAATCCGCCTTTGGAGGAACCTTTCACA
 GTGATCAGAAGTACACATACACATGTTTGCATTGGCACCACGACATGGTTATGGATTTGGCGTTCACAGT
 AACAGGCACCACTGCTGAGTGGCGGGCGGGAGTGTGTGCTTGTGGAGTGGCGAGATGGATCAGAGAAG
 AACAAAGAGTTTCTTCTCGATTAGGATCTTCTATTGAGCACATCTGTCTCACCTGCAGGAGATTTGT
 TCTGTACTTCTCACTCTGATAACAAGATAACAGTTATTCACCGAAATCTTGATGCATCGGCAGTAATTCA
 AGGCCTAGTTAAAGATAGGAGTATCTACTGGTTTGTGGTTGACCCAAGAACCAAGCTTTAGTTTTG
 AATGAAAAGCCTGGTCACTGCAGTTTATTCTCTCCAGGGTATAAGCAGTTATAAATCTAGATATCA
 TACAGCAAGAGTACATCAATGATGAGGGTCTAACCCAACTGAACTAACAAAGGCTGCCTTTGGCTGCTC
 TGGGACTTGGTTGGCAACAGTTGAACAACGCCAAGAAAAATGAAAATGAGCTGGAGCTGCAATGAAACTG
 TGGAACTATAGCAAGAAAACCAAGGGTTTGTCTTAAACACAAAGATCGCCATGCCACATGATGACCACA
 TCACAGCTCTCTGTTCAATAATGCAGAAAGCTATGAAAAACCCATCCTGGTCACAGCTAGCAGAGATGG
 CCACCTTCAAAGTGTGGATATTAACAGATGACTCTGACATATACAAAAAAGCCATTGCTTGGACTTGTGAC
 TTTGTGGGTAGTTACCACAAGTATCAAGCAACCAATTGTTGTTTCTGAAAGATGGTTCTTACTGGCAG
 TTAGTTTTGAGGAAATAGTTACAATATGGGACTCACAACATGGGAACTAAAATGTACATTTTGCCAACG
 AGCTGGGAAAATAAGGCACCTTTGCTTTGGAAGACTGACATGCTCAAAGTATCTCCTCGGCACTACTGAC
 AATGGCATTCTCTGCTGTGGAATCTGCTCAGTTGTTCAATACAGTGGAGTCAAAGTTGAATGTTAGAG
 TTATGGAACCCGACCCTTACTCAGACCATGTTGCTGCAGTGGCTCAGTCTCAGCGGGCTCCGATCTGTT
 TGTATTTAAACCTAGCGAGCCAAGGCCATTGTATATTCAGAAGAATGTCTCCAGAGAGGAAGTCCAGTGG
 GGAGTGTTTGTCCACGAGATGTCCAGAATCATTACAGTCAAGAACGCACCAAGTGGCTGAACAGATCTC
 AGTTTTACTTCTAACGAAGTACAGAGCTTATTAACATTCAGTACAAAGTCTCCAGAAGAGAACTCAC
 ACCAACAAAGCAACAGCTGCTGGCAGAAGAAAGTTTGCCAACGACCCATTTTCTTTCATATTGGGAAAA
 CACAGGCAACAGCAGGGTCAAAGTTAACAGAACTTCAGAGAATGAACTGGTACAACCTCCCTTAACAG
 AGAACATACCTGCAATTACTGAGCTTCTCACACCCAGCCATGTCTGCCATCAGCTTCTTTCTTGTG
 CTCTCTGTTTGTAACTCGCTGCTGTCTAAAGAGACTAAAAGTGTGAAGAGGTTCTGATGATGTA
 GATATGGAGGAAACAAAGAAAGTATGATTGATGAGATGAAGAGTATGATCTTACTGAAAAAGACAAGGAAA
 CAAATAACAACACGACTTGGGAGAAGATGCTATACATCAGCTGTCAAATCTGAAGAGAAGGAGCTGAG
 AAAGTTACAGAAAAGTAGATTATAGCTGGCTAACTGCTCTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028599
Insert Size: 2493 bp

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| 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: | NM_028599.2 , NP_082875.1 |
| RefSeq Size: | 2612 bp |
| RefSeq ORF: | 2493 bp |
| Locus ID: | 73674 |
| UniProt ID: | Q3U821 |
| Cytogenetics: | 1 C1.1 |
| 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] |