

Product datasheet for **MC203974**

Wdr74 (NM_134139) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wdr74 (NM_134139) Mouse Untagged Clone
Tag: Tag Free
Symbol: Wdr74
Synonyms: 5730436H21 Rik; AA407588
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC019968

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>BC019968
GCGATGGCGACTGCCTCGGCTCGTGGAACCATGTGTGGGTCGGCACTGAGACCGGCATCCTGAAAGGGG
TGAACCTTCAGCGGAAACATGCGGCAAATTTACACCGTCCGGACAGCCGCGGGGAGGAGGCAGTGAA
TGCTCTGTGCTGGGGCACTGGCGCGAGACCCAAATCTTGGTGGGCTGTGCGGACAGAACCGTGAGGTAC
TTAATGCTGAGGAGGTACATTCTGAGCCAGAGATACTGCCAGCGGGGAAGGCACGTTCCGAGGTC
TCGCCCAGGCGGATGGCACCCCTTATCACATGTGTGGATTCTGGGATCCTCAGAGTCTGGTGTGAAAATGA
CAAAGAGGCGTCTCTGACCCACTCTTGGAACTGAAGGTGGTCTGGGGTGTGTAGGATGCGCCAAGAT
CCCACACATACACATGTGGTTGCCACATGTGGGAAAGAAAATGCTTTGAAAGTATGGGACCTACAGGGGT
CTGAGGAGCCTGTATTACAGGGCCAAAAATGTGCGGAATGATTGGCTTGATCTCCGAGTTCCTATTTGGGA
CCAAGATACACAGTTCCTCCCTGGGTCACAGAACTTGTACATGCACAGGATACCACCAGGTCCGTGTC
TATGATCCAGTCTCCCCCAGCGCGGCCAGTCTAGAGGCCACCTATGGAGGTACCCACTGACAGCTA
TGACCTTACTCCTGAGGCAATTCCGTATCGTAGGGAACACTCATGGGACAGCTGGCAGAAATTGATTT
TCGGCAAGGGCGTCTACTGGGCTGTCTGAAGGGCTTGCAGGTAGTGTTCGTGGGCTGCAGTGTACCCCT
TCAAAGCCCTATTAGCCTCATGTGGCTTGACAGAGTCTTGAGGATACACAGGATCCGCAATCCACGTG
GGCTAGAGCATAAAGTTTATCTCAAGTCTCAACTGAACTGCCTTCTCCTGTGAGGCGGGATAACTGGGA
GGATGAGCCCCAAGAACCTCAAGAGCCCAACCAAGTACCCTCAGAAGACACAGAGACAGATGAACTTTGG
GCCTCTTTGGAGGACAGTGCAGCGGAAGCTCCAGATTTGGACCAGACACAAGGTGCTCTCCAAAGAA
GGAAGAAAAAAGAGCGGCTGGATCCACCAGTCTTGAAGCCCTTGTCTCATGTTGTTAATAAATAGCCC
AACGCGCTACTGAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI
ACCN: NM_134139
Insert Size: 1155 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:	BC019968 , AAH19968
RefSeq Size:	1220 bp
RefSeq ORF:	1155 bp
Locus ID:	107071
UniProt ID:	Q8VCG3
Cytogenetics:	19 A
Gene Summary:	Regulatory protein of the MTREX-exosome complex involved in the synthesis of the 60S ribosomal subunit. Participates in an early cleavage of the pre-rRNA processing pathway in cooperation with NVL (By similarity). Required for blastocyst formation, is necessary for RNA transcription, processing and/or stability during preimplantation development (PubMed:21799883).[UniProtKB/Swiss-Prot Function]