

Product datasheet for **MC203100**

Wdr46 (NM_020603) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr46 (NM_020603) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr46
Synonyms:	2310007I04Rik; Bing4; C78447; C78559
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC046977
 TGTTCCGGTCTTGGAGATGGAGACAGCCCCAAGCCGGGTAGGGGTGTCCCACCAAGAGAGACAAGCCTC
 AGGCCAAGAGGAAGAAACCGCGGCGCTACTGGGAGGAGGAGACCACCCCGCCGCGTCCGACCTCCCC
 GGGGCCGCTCGGAAGAAGGCGAGGACTGGGGAGTCGCGACCCCGAGGTCCAAGAGCGGCACATCGCC
 CAGAAGTCCCGGTTCTCAAGAAGCCCCGATCTCAAAGACCGCTCCAGACTGGAAGAAGCCTCAGAGGA
 CGCTGTCCGGGGCTCAGGACCCGTTCCCAGGACCCGTCGCCGCCCTGGAGGAGGCCGGAAGTTTTG
 TCGAATTGACAAGTCCAAAACGCTCCACATTCGAAGCCTAAAACCTCAAAGCAAACCTCGAGAAGGCTGAA
 CGCAAGAGGAAGAGCAAGCGTCAGAGCCGCCGCGCTGAGCTGCTGTTGCAGAGGAACCTGGGTTTC
 TGGTAGGAGAAGATGGGGAAGACACGGCAAAAATCCTGCAGACAGACATCGTGGAGGCTGTGGACATCGC
 CAGTGCTGCCAAGCACTTTGACCTGAATCTAAGACAGTTCGGACCCCTACAGACTGAATTACTCTCGAACA
 GGGAGACACCTGGCTTTAGGAGGGCGTCGGGGTACGTGGCTGCCCTCGACTGGGTGACCAAGAAGCTCA
 TGTGTGAGATCAACGTCAAGCAAGCAGTACGGGACATCCACTTCCCTCATTCTGAGGCTCTGCTCGCAGT
 CGCTCAGAACCGCTGGCTTTATATCTACGACAACCAAGGCATCGAGCTTCACTGCATCCGCCGCTGTGAC
 CGAGTGACCCGGCTTGAGTTCCTCCCTCCACTTCTCTGCCACCCTTCCAGAGACAGGGTTTCTGA
 CCTACCTGGATGTGTGAGTGGGGAAGATCGTGACAGCTCTGAACGTGCGGGCGGGACGGCTCAGTGCAT
 GGCTCAGAACCCCTACAATGCTGTTATCCACCTGGGACACAGTAATGGCAGAGTGTCTTTATGGAGTCCA
 GCAGTGAAGGAGCCACTGGCGAAGATTCTGTGTACCCGTGGTGGGTGCGTGTGTGGCAGTAGATTCTA
 CAGGCACGTACATGGCCACCTCTGGTCTGGACCACCAGCTGAAGATCTTTGACTTGCGAGGGACATTCCA
 GCCCTGAGTTCGCCGACCTTGCCCCAGGGAGCAGGGCACTTGGCCTTTTCCAGCGGGGACTGTAGTT
 GCGGGAATGGGTGATGTGGTCAACATATGGGCAGGGCAGGGCAAGGCCAGCCACCCTCCCTGGAGCAGC
 CCTACCTACCCACCGGCTCTCAGGCCAGTGCATGGGCTCCAGTTCTGCCCTTTGAAGACGTGTTGGG
 GGTGGGACACAGTGGAGGCTTACCAGCATGCTGGTCCCTGGGCTGCGGAGCCTAACTTTGATGGTTTTG
 GAGAATAACCCATACCGGAGCCGGAAGCAGCGCCAGGAATGGGAGTGAAGGCCCTGCTGGAGAAGTAC
 CTGCAGAGCTCATTTGTTTGAACCCCGAGCCCTGGCAGAGGTGGATGTGGTCACTCTGGAGCAGCAGAA
 GAAGGAGCGGATAGAGAGACTGGGCTATGATCCAGACGCCAAGGCTGCCTTTAGCCCAAGGCCAAGCAG
 AAGGGCCGAAGCTCTACGGCGAGCTAGTGAAGAGGAAGAAGAAGGTCATGGACCAGGAGCAGGGACA
 AAGTCCGGCAGAGCCTTGAGCAGCAGCAGCAGAAAGAAAAGCAGGATATGGCCATGCCTCTGGAGCCCG
 TCCCTCTGCACTGGATAGATTTGTACGACGAGCCAGAGAAGGCGGTCTCCAAGTTGACCCTTAGGGGCCA
 GAGTGCTCAGTGGGCAAAGGCATTGATGCCAACTTGAGTTCAGTTCAGTTCAGAAAACACGTTTGGCAGGA
 GAAAACACACAAGTGTCTTTTACCTTTCCATGCCACATGGGGCAGCGGCACACACACACACACACAC
 ACACACACACACACACATATATAAAGGGAACACAAAGATCCATAGGGAAATGTCCCATGTGCCTT
 ACATCTTAACTGGGTAGGAGCAGACAGCTCCTTGGGTGTGTGGGCATTAACAAGTTTTCTGGAAAAAAA
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_020603

Insert Size: 1869 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: [BC046977](#), [AAH46977](#)

RefSeq Size: 2235 bp

RefSeq ORF: 1869 bp

Locus ID: 57315

UniProt ID: [Q9Z0H1](#)

Cytogenetics: 17 B1

Gene Summary: Scaffold component of the nucleolar structure. Required for localization of DDX21 and NCL to the granular compartment of the nucleolus.[UniProtKB/Swiss-Prot Function]