

Product datasheet for **MR208616**

Wdr20a (BC026761) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr20a (BC026761) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr20a
Synonyms:	WDR20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208616 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGACGGAGGGAGGAGGAAGGAGATGAACGAGATTAAGACCAATTACCACCCGGGAAGGTCTGT
 ACAAGCTGCTGCAGCACTCGGAGTACAGCCGCCCAACCGGGTGCCTTCAACTCGCAGGGATCCAACCC
 TGTCGCGCTCTCCTTCGTAACCTCAACGACCACTCTGGCAACGCGACCGCCTCTGCTTCAATGTGGGC
 CGGGAGCTCTACTTCTATATCTACAAGGGGTCCGCAAGGCTGCCGACCTGAGTAAACCCATAGATAAGA
 GGATATACAAAGGGACGACGCCACTTGCCATGACTTCAACCTCCTCACAGCTACAGCAGAGAGCGTCTC
 TCTCTAGTGGGCTTTCCGACGGCCAAGTCCAGCTTATAGACCAATCAAGAAAGAGACCAGCAAGCTG
 TTTAATGAGGAAAGACTAATAGACAAGTCCGCGTAACCTGTGCAATGGGTTCCTGGTTCGGAAAGCC
 TTTTCTAGTAGCCATTCAAGTGGGAACATGTACTTATATAATGTGGAGCACACTTGTGGCACCACAGC
 CCCCCACTACCAGCTCCTGAAGCAGGGAGAAAGCTTTGCCGTGCACACTTGAAGAGCAAATCCACGAGG
 AACCTCTCCTTAAGTGGACGGTGGGCGAGGGGGCCCTCAACGAGTTTGTCTTCTCCCAGATGGCAAGT
 TCTTAGCGTGTGTGAGCCAGGACGGGTTTCTGCGTGTGTTCAACTTTGACTCAGTGGAGCTGCACGGTAC
 AATGAAAAGCTACTTTGGGGGCTTGCTTTGTGTGTGCTGGAGCCAGATGGCAAGTACATTGTGACAGGT
 GGAGAGGACGACTTGGTGACAGTCTGGTCTTTCTAGACTGCCGAGTAATAGCTAGAGGCCATGGGCACA
 AATCCTGGGTGAGTGTGTAGCATTGTATCCCTATACTACTAGTGTAGAAGAAAGTGACCTATGGAGTT
 TAGTGGCAGTGACGAGGACTTCCAGGACCTTCTCATTTTGGCAGAGATCGAGCGAACAGTACACAGTCT
 AGGCTATCCAAACGGAAGTCTACAGACAGTCCGCTCCCTCTCAAGAGCAAGGACACATACAAACGTTA
 TGAATGCCACAAGTCCGCTGCCGAAGCAATGGGAACAGTGTCACTACACCTGGGAAGTCTGTGCCCCC
 TCCATTGCCACGGTCCAATAGCCTTCCACATTACGACAGTCTCAATGCTGCTAGCAAAGGCAGCGTCATG
 GACGGGGCCATTGCCTCCGGGTGAGCAAGTTTGAACCTGTGCTGCTACATGACCGGAAGGAGAGACACC
 ACGAGAAAGACCATAAACGAAACCATAGTATGGGACACATTTCCAGCAAGAGCAGTGATAAACTGAACCT
 AGTTACTAAAGCCAAACGAGCCAGCTAAACTCTGGGGACATCCCTGTGTCTCGGATGGAAGATGTT
 CCCTTGTAGAGCCACTGATCTGTAAAAAGATAGCTCATGAAAGACTGACGGTATTGGTTTTTCTTGAAG
 ACTGTATAGTCACTGCTGTGACGAGGGATTTATTTGCACATGGGCAAGGCCCGGTAAAGTGGAAGTTT
 TAATCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208616 protein sequence
 Red=Cloning site Green=Tags(s)

MATEGGKEMNEIKTQFTTREGLYKLLQHSEYSRPNRVFNSQGSNPVRVSFVNLNDQSGNGDRLCFNVG
 RELYFYIYKGVKKAADLSKPIDKRIYKGTQPTCHDFNLLTATAESVSLLVGFSAQVQLIDPIKKETSKL
 FNEERLIDKSRVTCVKWVPGSESLFLVAHSSGNMYLYNVEHTCGTTAPHYQLLKQGESFAVHTCKSKSTR
 NPLLKWTVGEGALNEFAFSPDGKFLACVSQDGLRVFNFDSELHGTMKSYFGGLLCVCWSPDGKYIVTG
 GEDDLVTWVSFLDCRVIARGHGHKSWVSVAFDPTYTTSVEESDPMEFSGSDEDFQDLLHFGDRANSTQS
 RLSKRNSTDSRPPLSRARTHNTVMNATSPAGSNGNSVTPGNSVPPPLPRNSLPHSAVSNAASKGSVM
 DGAIASGVSKFATLSLHDKERHHEKDHKRNHSMGHISSKSSDKLNLVTKAKTDPAKTLGTSLCPRMEDV
 PLLEPLICKIAHERLTVLVFLEDCIVTACQEGFICTWARPGKVVSFNP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC026761

ORF Size: 1617 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC026761](#), [AAH26761](#)

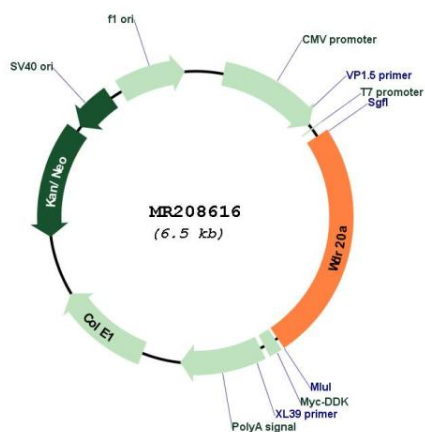
RefSeq Size: 2290 bp

RefSeq ORF: 1619 bp

Locus ID: 69641

Cytogenetics: 12 F1
MW: 59.4 kDa

Product images:



Circular map for MR208616