

Product datasheet for MR211595

Wdr62 (BC054747) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr62 (BC054747) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr62
Synonyms:	MGC31423
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211595 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCTGCCTTAGCGGCCGAGGTTATACGGGAGTGACACGATAGAAAAGCTGTCCTCTGTCATGGCGG
GAGTTCGGCGCGGAGAAACCAGTCTCCCGCCTCTGCCCCACCGCTCTGCCTCCGGCGCGGACCGG
ACTCGCGCGGCTCCCGAGGACTGTGCAGAACCGGGTGACACTTGAGAAGGTGCTTGGCATCACAGCC
CAGAACAGCAGCGGGCTAACCTGTGACCCTGGCACAGGCCATGTGGCCTACTTAGCAGGGTGCCTGGTGG
TGGTCTTGAACCCCAAGGAGAACAAGCAGCAGCATATATTTAACACAACCAGGAAGTCCCTGAGTGTCT
GGCCTTCTCCCCAGATGGGAAGTACATAGTGACAGGAGAGAATGGACACCGGCCAGCTGTGCGCATCTGG
GATGTGGAGGAGAAGACTCAAGTGGCAGAGATGCTGGGCCACAAGTATGGTGTGGCTGTGTGGCTTTCT
CACCCAATATGAAGCACATCGTGTCCATGGGCTACCAACATGACATGGTCCCTCAATGTTGGGATTGGAA
GAAAGACATTGTGGTGGCTTCCAACAAGGTGTCATGTAGAGTCATCGCTCTCTCTTCTCTGAGGACAGC
AGCTATTTTGTACCGTTGGGAATCGGCATGTGAGGTTTTGGTCTTAGAAGCCTCTACTGAGGCCAAGG
TAACCAGCACAGTGGCCCTGGTAGGACGCTCAGGCATCCTGGGTGAGCTGCACAACAATATCTTTTGGG
CGTGGCCTGCGGCCGGGCGGATGGCAGGCAATACCTTCTGTGTCTCTACTTGGCCTCCTCTGCCAG
TTCAATGAGAAAAGGGTCTGGACAAGTGGATCAACCTGAAGTCTCCTTGTCTTCTGCTGTGTGTCA
GTGACGAGTTGATCTTCTGTGGATGCACAGACGGGATAGTCCGCATCTTCCAGGCCACAGCCTACTCTA
CCTCACCAACCTGCCAAACCACTACCTGGGAGTGGACGTGGCCCACGGACTGGACTCCAGCTTCTCT
TTCCACAGAAAAGCAGAAGCAGTCTACCCAGATACAGTGGCCCTGACCTTTGACCCCGTCCACCAGTGGC
TGTCTGTGTTTACAAAGACCACAGCATCTACATCTGGGATGTCAAGGACATTGATGAAGTCAGCAAGAT
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GCGCCTCTGACTCGATGGCAAAGAACATCTCAGCGATTCTCTGCTGAAGGTGGTCTATGTAGAGAA
TGACATCCAGCACCTGCAGGACCTGTCTCACTTCCAGACCGGGCAGTGAGAACGGCACTCCCATGGAT



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ATGAAAGCTGGGGTTCGAGTCATGCAGGTCAGTCTGACGGCCAGCACTTGGCTTCAGGCGACCGCAGTG
 GAAATCTGAGGATCCACGAGCTGCATTCATGGATGAGCTGATCAAGGTGGAGGCCACGATGCTGAGGT
 GCTGTGCCTGGAGTACTCCAAGCCTGAGACAGGAGTGACTTTGCTGGCTTCAGCCAGTCGGGACAGACTC
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 CAGCCATTAAGTTTGGCTGGCACCAGAGATGTCCAGATGATCAGTTGTGGAGCTGACAAGAGCATCTACTT
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 TCTACAACACCGTGAGTGGGAAACAGAAGAAGTGTACAAGGGTCCAGGGCGACGAAGGGTCCCTGCT
 GAAGGTCCACGTGGACCCCTCAGGCACCTTCTGGCCACAAGCTGCTCTGACAAAAGCATCTCCTTGATT
 GACTTTTACTCGGGCGAGTGTGTTGCCAAGATGTTTGGCCATTGCGAAATTGCTACTGGCATGAAGTTCA
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 CGCCACAGCTCAGTCTCCTCAAACGGACCCTGGCCCTCAGCTCACCATGACAGCAGCGTCTGTCGCGGTG
 ACTCAGAGTGCTGACAAGTCTCTCACCTGCCTCCATCCAGAGTACCCAAGTACAGAAGAGCTTTCC
 CAGCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR211595 protein sequence
 Red=Cloning site Green=Tags(s)

MAALAAGGYTRSDTIEKLSVVMAGVPAARRNQSSPPPAPPLCLRRRRLAAAPEDTVQNRVTLEKVLGITA
 QNSSGLTCDPGTGHVAYLAGCVVVLNPKENKQQHIFNTRKSLSALAFSPDGKYIVTGENGHRPAVRIW
 DVEEKTQVAEMLGHKYGVACVAFSPNMKHI VSMGYQHDMVLNVWDWKKDIVVASNKVSCRVIALSFSEDS
 SYFVTVGNRHRVRFWFLEASTEAKVTSTVPLVGRSGILGELHNNIFCGVACGRGRMAGNTFCVSYSGLLCQ
 FNEKRVLDKWINLKVSLSSCLCVSDELIFCGCTDGIIVRIFQAHSLLYLTNLPKPHYLGVDAHGLDSSFL
 FHRKAEAVYPDTVALTFDPVHWLSCVYKDHSIYIWDVKDIDEVSKIWSELFHSSFVWVVEVYPEFEDQR
 ACLPSGFTLTCSSDNTIRFWNLDSASDTRWQKNIFSDSLLKVVYVENDIQHLQDL SHFPDRGSENGTPMD
 MKAGVRVMQVSPDQHLASGDRSGLRIHELHFMDL IKVEAHDAEVL CLEYSK PETGVTL LASASRDRL
 IHVLNVEKNYNLEQTLDDHSSSITAIKFASTRDVQMI SCGADKSIYFRSAQQASDGLHFVRTHHVAEKT
 LYDMDIDITQKYAVACQDRNVRVYNTVSGKQKCYKGSQGDGSLKLVHVDPSGTF LATSCSDKISLI
 DFYSGECVAKMFGHSEIVTGMKFTYDCRHLITVSGDSCVFIWHLGPEITTCMKQHLL EINHQEQQQPKD
 QKWSGPPSQETYASTPSEIRSLSPGEQTEDEMEEECEPEELLKTPSKDSLDPDRCLLTNGKLP L WAKRL
 LGDDD VADSSAFHAKRSYQPHGRWAERAEQEPLKTI L DAWSLDSYFTPMK PENLQDSV L DSVEPQNLAGL
 LSECSLGNHGTSPGGLVSYLLHP ELGSPKEDNRGHPSYLP LQREATEASELILCSPEAEVSLTGMHREY
 YEEETEAGPEDQQGDTYLRVSSVSKDQSPPEDSGESEAELECSFAAAHSSAPQTPDGP HLTMTAASSAV
 TQSADKSSPPCLPSRVPKYRRAFP A

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC054747

ORF Size: 3225 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.

RefSeq: [BC054747](#), [AAH54747](#)

RefSeq Size: 4801 bp

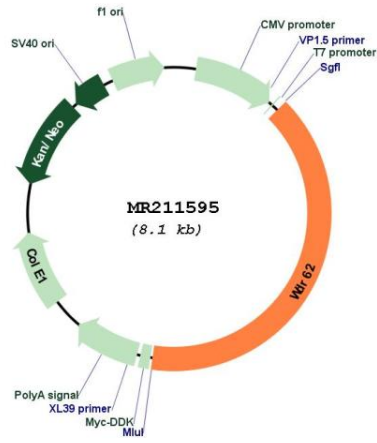
RefSeq ORF: 3227 bp

Locus ID: 233064

Cytogenetics: 7 B1

MW: 119.2 kDa

Product images:



Circular map for MR211595