

Product datasheet for MR211422

Wdr62 (BC057041) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr62 (BC057041) 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:	>MR211422 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGGTCAGTCCTGACGGCCAGCACTTGGCTTCAGGCGACCGCAGTGGAAATCTGAGGATCCACGAGC
TGCACTTCATGGATGAGCTGATCAAGGTGGAGGCCACGATGCTGAGGTGCTGTGCCTGGAGTACTCCAA
GCCTGAGACAGGAGTGACTTTGCTGGCTTCAGCCAGTCGGGACAGACTCATCCATGTGTTAAACGTGGAG
AAGAACTACAACCTGGAGCAGACCCTGGACGACCCTCCTCCTCCATCACAGCCATTAAGTTTGCTGGCA
CCAGAGATGTCCAGATGATCAGTTGTGGAGCTGACAAGAGCATCTACTTTCGCAGTGCCACGAGGCTC
GGATGGACTGCACCTTTGTCCGTACCCACCACGTAGCAGAGAAGACCACCTTGATGACATGGATATCGAC
ATCACACAGAAGTATGTGGCAGTGGCCTTCCAGGACCGCAACGTAAGGGTCTACAACACCGTGAGTGGGA
AACAGAAGAAGTGTACAAGGGTCCCAGGGCGACGAAGGGTCCCTGCTGAAGGTCCACGTGGACCCCTC
AGGCACCTTCTGGCCACAAGCTGCTCTGACAAAAGCATCTCCTTGATTGACTTTTACTCGGGCGAGTGT
GTTGCCAAGATGTTTGGCCATTCGGAATTGCTCACTGGCATGAAGTTCACCTACGACTGCCGCCACTTGA
TCACAGTATCTGGAGACAGCTGTGTTCATCTGGCACCTGGGCCGGAGATCACCACCTGCATGAAGCA
GCACCTTGCTGGAGATCAACCACCAGGAGCAGCAGCAGCCCAAGGACCAGAAGTGGAGTGGCCCTCCC
AGCCAGGAGACATATGCATCCACCAAGTGAGATTTCCTGAGCCCTGGAGAGCAGACAGAGGATG
AGATGGAGGAGGAATGTGAGCCAGAAGAGTTGCTGAAAACACCATCCAAAGACAGCTTGGACCCAGATCC
TCGATGCCTGCTGACAAATGGCAAGCTGCCACTCTGGGCAAGCGGCTGTAGGGGATGATGATGTGGCA
GACAGCTCAGCTTCCACGCCAAGCGCAGCTACCAGCCACATGGCCGTTGGGCAGAGCGGGCTGAGCAGG
AACCCCTCAAGACCATCCTGGATGCCTGGAGCCTGGATTCTACTTTACACCCATGAAGCCTGAAAACT
CCAAGACTCTGTTCTGGACTCAGTAGAGCCACAGAACCCTGGCAGGCTGCTAAGTGAGTTAGGGAGTCCC
AAAGAGGACAACCGAGGCCACCCCTCCTACCTGCCTCTACAGAGGAAGCCACCGAGGCAAGCGAACTCA
TCCTCTGCTCCCCAGAGGCGGAAGTGCTACTTACAGGGATGCACAGGGAGTATTATGAGGAGGAGACAGA
GGCAGGACCTGAAGACCAGCAAGGCGACACCTATCTCAGGGTCTCTCCGTCAGTTCAAAGGATCAGAGC



[View online >](#)

CCCCCTGAGGACTCAGGGGAGTCAGAGGCTGAACTGGAGTGCAGCTTGGCCGCCCCACAGCTCAGCTC
 CTCAAACGGACCCTGGCCCTCACCTACCATGACAGCAGAGTACCCAAGTACAGAAGAGCTTCCCAGCC
 TGAGCTGCCAGGCTTGGGCAATGGCTCCTACCCAGACACCTGAGCAGGAGAAGTTCCTCCGCCACCAT
 TTTGAGACACTTACTGATGCCCCACTGAAGAGCTCTTTCATGGATCCCTGGGAGACATAAAGATCTCAG
 AGACTGAGGACTATTTCTTCAATCCCCGGCTGAGCATAACCACAGTTCCTCTCCCGCTCCAGAAGAC
 CTCCAGGTGCCCTCCCCGACTGCCCTGCACCTTATGAAGTCCAGAGGCTCAGCTGTGGGCCAAGGG
 GGCAACCGCCAAAGCAGGGCCCTGAGAGCAGGTACTGGCTACATGTCCTCAGATGGGACCAACGTCC
 TCTCTGGGCAGAAGGCTGAAGAACTCAAGAGGCCTTGAGTCTACTGGACAGGAAGCCTCCAACCCAC
 ATCTGTAAGTACAGGCGGGAGCAAAGTATCTCCGCCCATCTTCGTGTTCTTACTGGAGTCCACA
 ACGAGCTCACATGCCAAGACGACACGCAGCATCTCTTGGGGACAGTGGGGCCCTGTGACAGCTGAGC
 TACCCAGTCACTTACAAGCCCTTATCCCTGGCCAGGAACCTCAAGCCATCCCCTACTACAGTGGCACT
 GACCTCCAGCATCAAAGACCAGGAGCCTGCACCGCTTCTGGGGCAACCATGAGGCCGAGCCAGCCTG
 AACTGACCTTATCCAGTGTCTGTGAGCAGCTGCTCTCCACCTCCACAGGAGCCACCCATCACCCATG
 TGTGGTCTCAGGAACCTGTGGATGTCCACCTAGTATGGCAGTACAGTACAGCAGCTTCTGTGACCCAG
 CCCTGTAGACATGAGCACCTGGGACTCCACAGTCTATGTTTCCCAAAGACCTCAGCCTCTGGGCC
 CTAACCCCTCTGCCACCTCCAACCTTCTAGAGACCAGGTCTAGGTGCCTGGCAGCACTGCTGCTCTCC
 TGGAGCCACCCCGATGCATCAGGTGTGATCGCAGACAGCCCTGGACACTGGGACACAGAAGTCCCTAC
 CCCAGAACTCCTAGGCAGTGTGGAATCAGTCTTGACAGGCTGCAGACTGCCTTCCAAGAAGCTCTTGAC
 CTTTACCGCATGCTGGTCTCCAGCAGCCAGCTGGGTCTGAGCAGCAGCAGGCACAGACCAGCTGGCCT
 CCACCTTCCACTGGATCCTCAACCAGCTAGAAGCCAGCAACTGTATGGCTGCAGTAACTTGGCCCCACC
 CCAGACTGCCTAGCCAGACCCTCTGTCCCTACCTACACTTGTCCCTGGCCAGCCAAACCTGCAG
 GCCCTGCTGGAACACTACTCAGAGTTGCTGGTGAAGCAGTGAAGGGAAGGCAAGGGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR211422 protein sequence
 Red=Cloning site Green=Tags(s)

MQVSPDGQHLASGDRSGNLRHIELHFMDLIEKVEAHDAEVLCELYSKPETGVTLASASRDRLIHLNVE
 KNYNLEQTLDDHSSSITAIFAGTRDVQMI SCGADKSIYFRSAQQASDGLHFVRTHHVAEKTTLYDMDID
 ITQKYVAVAFQDRNVRVYNTVSGKQKCYKGSQDEGSLKLVHVDPSGTFLATSCSDKISLIDFYSGEC
 VAKMFGHSEIVTGMKFTYDCRHLITVSGDSCVFIWHLGPEITTCMKQHLLLEINHQQQQPKDQKWSGPP
 SQETYASTPSEIRSLSPGEQTEDEMEEECEPEELLKTPSKDSLDPDRCLLTNGKLPWAKRLLGDDDDVA
 DSSAFHAKRSYQPHGRWAERAEQEPLKILDAWSLDSYFTPMKPENLQDSVLDVPEQNLAGLLSELGSP
 KEDNRGHPSYLPQREATEASELILCSPEAEVSLTGMHREYEEETEAGPEDQQGDTYLRVSSVSSKDQS
 PPEDSGESEAELECSFAAAHSSAPQTDGPHLTMTAEYPSSTEELSQPELPGLNGSLPQTPEQEKFLRHH
 FETLTDAPTEELFHGSLGDIKISETEDYFNPRLSISTQFLSRLQKTSRCPRLPLHLMKSPEAQPVGG
 GNQPKAGPLRAGTGYMSSDGTNVL SGQKAEETQEALSLDRKPPTPTSVLTTGREQSI SAPSSCSYLEST
 TSSHAKTTRSISLGDSEGPVTAELPQSLHKPLSPGQELQAIPTTVALTSSIKDHEPAPLSWGNHEARASL
 KLTLSSVCEQLLSPPPQEPPIHIVWSQEPVDVPPSMAVTVASFCAVSPVDMSTLGLHSSMFLPKTSASGP
 LTPPAHLQLETRSRVPGSTAALLEPTDASGVIADSPGHWDTEVPTPELLGSVSVLHRLQTAFAQEALD
 LYRMLVSSSQLGPEQQQAQTELASTFHWILNQLASNCMAAANLAPPQTLPSDPLSLPTLCLASPNLQ
 ALLEHYSELLVQAVRRKARGD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC057041

ORF Size: 3003 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).

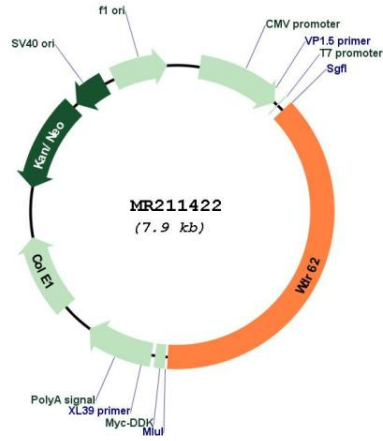
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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: [BC057041](#), [AAH57041](#)

RefSeq Size: 3265 bp

RefSeq ORF: 3005 bp
 Locus ID: 233064
 Cytogenetics: 7 B1
 MW: 109.5 kDa

Product images:



Circular map for MR211422