

Product datasheet for MR217536

Wdr60 (NM_146039) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr60 (NM_146039) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr60
Synonyms:	D430033N04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217536 representing NM_146039 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGAGCCTGGGAAGAGAAGAACCAAGATGATACTTGGAAAGCAGATGACCTCAGAAAGCACCTGAAGG
TGCAGTCAGGCAGTCCCAAGGAGGAGAAGAACTCAGAGAAAAGAAGGCGCACAGGACTCAGAGTCGGC
CGCTCCTGAATACAGAGAACACAAGAGCAGGGACCCAGACCGAGAGGCCCGGCACAAGGAGAAGACAGT
GAGAGAGACCTGTACACCTCCACAGAACATCCTCGTGGGAGAGAGACCGGGAGAGGCACAAGGAAAGGA
GGAAAGATGCAAAAGACCGTGAGAAAGACAAGCTAAAAGAGAGACATCGAGACCAAGAAGCAGAGAAGGC
TCATAGTCGAGGCAAGGACAGAGAGAGAGAGAAAGACAGACGGGCCAGGAAAGAGAGATCAGGCAGTCC
ATGGCCTACCATGACCTCTTGAGTCGAGATATGCGTGGCCGGCAGATGGCAGAGAAAAGTGGAAAAGAAAG
CAAGTAAATACGAACCTGAGGAAAGAGAAAGGAGAGATGAAGACTCTGAAAGAATAGATGAAGATAGAGA
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AAGGAGGACGGCGAGAAGAAGCACAGGAAAGCCAAAGACGCAGATCGGGAGAAGAGGCTGAGAGAGAAGA
GCAGCATGAGGGAGAAAAGGGAGAGGCACGCAAGGGAGAAGGGGAGCTCGCTCTCCGACAGGGAAGTGGA
GGACAGACACAGAGAGAAGCGGCACAAAGAAGGACTGCACTATGATGACGAGAGGCGCCGAAGTCATGCA
GATAAAAAAGAGAGATCTTCGAAAGAAGAGCACAAAGAAAGGGAATTGAAGGAATTGAAAAAGAAGACA
ACGATTTAGAGGCTACTGGGCTTGATGAATATCTGCCCAACTTAGAAGATGATTTTGTGGATTATGAAGA
TGACTTTGAGTTTGCGATGGAGACGATGACAGCAATAATGAGCATGAAGCTAGAGAAAAGGCCGAAGAA
CTTCCTCTGGCCAGAAAAGGGAATACAGGAAATTCAAAGGCGATCAGTGACAGAGATGAAAGGGTTG
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GATATAGAAACCAGGGAAGTATGGACCCAAACCCAGGAGAAGGCACGGCTGTATCTGGAGGTAGCGAAG
 AAAAAGACTTCTCTGATGTCACAGTTGTACCGAAGATCGACACTCCGAGGTTGGCTAACTTTCTCCGGG
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 GCTCAAGACAAAGCTCTCAACATCAGTGACAGCTCATCTCAACTGAACACAAGCCTACCGTTTCTTCAGA
 GTCGGAAGATATCCTGCTTGCATGCATCTCGAGTTCAGAGGCAGACCGTGGTCTCTGTTTCATGACCTACC
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 CATCATGCACTGGGACAACAGCACCAGTGGCCATGCTGTTACTAGTCTGCACTGGTCCCCAACAGGCCCT
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 CGGTGGACCACCCAGCAGTAGACGAGCATAGCCAGCTGCGCTGCTTCTTCAGAAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAGGTTTAA

Protein Sequence:

>MR217536 representing NM_146039
 Red=Cloning site Green=Tags(s)

MEPGKRRTKDDTWKADDLRKHLKVQSGSPKEEKLREKKAHKDSESAPEYREHKS RDPDREARHKEKTA
 ERDLYSTEHPRGERDRERHKERRKDAKDREKDKLKERHRDQEA EKAHSRGKDREREKDRRARKEEIRQS
 MAYYHLLSRDMRGRQMAEKVEKKASKIRTEERERRDEDSERIDEDRERRYRERKLQYGDSKEHPLSYWLY
 KEDGEKKHRKADADREKRLREKSSMREKRERHAREKGSSLSDREVEDRHREKRHKEGLHYDDERRRSHA
 DKKERSSKEEHKRELKELEKEDNDLEATGPDEYLPNLEDDFVDYEDDFEVCDDDDSNNEHEAREKAAE
 LPLAQKREIQEIQKAI SAENERVGELSLKMFQKQGWTEYTKEPWTDANDSPSRTPVCGIFVDFATASHRQ
 KRSRQALKQKTRSSKLLRLIDLFSFTFSLDLPPVNEYDMYIRNFGKKNTKQAYVQYNEDNVERDIQTE
 DIETREVTWQHPGEGTAVSGGSEKDFSDVTVPKIDTPRLANFLRAACQVAVLLEEDRLAAGPSWIPR
 AQDKALNISDSSQLNTSLPFLQSRKVSCLHASRVQRQT VVSVDLPEKAFAPSLDSRHLLCVWDIWQPS
 GPQKVLICESKVTCCCF SPLKAFLLFAGTVHGSVVWDLREDSRIHHYVRLSNCFWAFRTPFTSTDGILT
 SVNHRSPQLAIEPVATSAYKKQSFVLSPFSTQEEMAGLSFHIASLDETGVLNVWVVVELPKADISGMSD
 LGLIPGGRIKL VHSTVIQLGNSLSHKDSELWGSTQTL SVKFLPSDPNHFVVGTDMLISHSTRQDWRVSP
 RVFKPEQHGV RPIKVNVIDFSPFEETVFLAGCSDGSIRLHQLTSERPIMQWDNSTSGHAVTSLQWSPTRP
 AVFLVQDDASRIYVWDLLENDLGPVAQQPI SPDKLVAMTIVGEPEKTS GSFVALVLARTSGTVDVQNLKR
 RWTTPAVDEHSQRLRLLLQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9098_b12.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_146039

ORF Size: 2997 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.

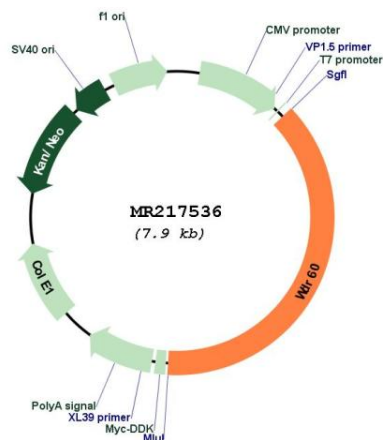
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_146039.3](#), [NP_666151.3](#)

RefSeq Size: 3725 bp

RefSeq ORF:	3000 bp
Locus ID:	217935
UniProt ID:	<u>Q8C761</u>
Cytogenetics:	12 F2
MW:	115.4 kDa
Gene Summary:	May play a role in ciliogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217536