

Product datasheet for MR203438

Wdr73 (BC028870) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr73 (BC028870) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr73
Synonyms:	1200011I23Rik; 2410008B13Rik; AI848574; C85352
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203438 representing BC028870 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCAAGTCAGAGAGGACAACGATGTCATTGAAGCAGTCAGTACCATCGATGTGCAGGACAAAGAGG
AGAGTCTCTGGCCTCGGGTGTCTGTCTTCTGCTCTAAGGCACCAGGAATCCTCCACGGGGCGGGCTCAG
CGGCCTGAGGACTGTGGATGTAGAATCCCAGAAGATCACATATAGCTCAGGTACAGCTGACAGTGAGTCC
TTGAGCTGCCTTCAGGTCTAGACGAAATACCTTTGCTTCTGTGGCAACTCAGGTCCGGCTGGGGCTTG
TGGACACCCGCCAGAAGTGGGCAGCGTTGGAGACTGTCAGCCCCGGCTCTGGCTGTAGTGGAGAGAGATG
GTGTGCAGAAGTCAGGAACAAGGCCAAGGCCCTGGGCCCTGCATTGCCAGCCTTGGCTCAGATGGGCAG
CTCTGTCTCCTTGACTCCCGAATCTCTGTCTATCCTGTGAGCTCAGCCCAGTGTCCGGTGTCAAACCCA
GCCCTGACCCAGAGCTGCTGCGGGTGAATGGGCTCCGGGCTGGACAACCTGCTTGGCTATTTTCAGGCTT
TGATGGGACAGTACAAATCTATGATGTCACATCATGGGATGGAAGAAAACCCAAGCGGAGCCTCTCTTC
ACTCACAAGGCCACATCTTCTGGATGGAAATGACGTAGACTCTGCTCCTCTGGTACCACCCATACT
GGCACCTCGCAAACCCAGAACTTTGTTATCAGCAGCAAGTGATTCTTCTCTGCATGTGTGGACTGGGT
GGACCTCCAGGCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203438 representing BC028870
 Red=Cloning site Green=Tags(s)

MWQVREDNDVIEAVSTIDVQDKEESLWPRVSVFCSKAPGILHGARLSGLRTVDVESQKITYSSGTADSES
 LSCLQVLDANTFAFCGNSGRLGLVDTRQKWAALLETVSPGSGCSGERWCAEVRNKGGPGPCIASLGSDGQ
 LCLLDSRNLCHPVSSAQCPVFKPSDPPELLRVTWAPGLDNCLAISGFDGTVQIYDVTSWDGKKTQAEPLF
 THKGHIFLDGNDVDSAPLVTTHTWHPKRPRTLLSAASDSSLHVWDVWDLQAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC028870

ORF Size: 786 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: [BC028870.1](#)

RefSeq Size: 1544 bp

RefSeq ORF: 788 bp

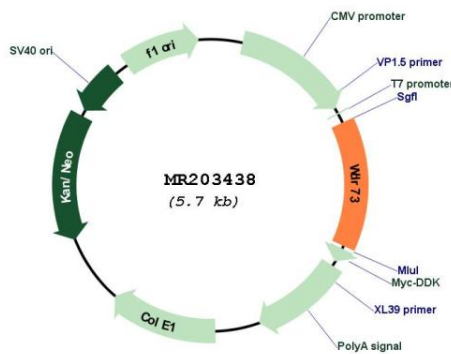
Locus ID: 71968

Cytogenetics: 7 D3

MW: 28.4 kDa

Gene Summary: May play a role in the regulation of microtubule organization and dynamics.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203438