

Product datasheet for **MG203438**

Wdr73 (BC028870) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Wdr73 (BC028870) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Wdr73 |
| Synonyms: | 1200011I23Rik; 2410008B13Rik; AI848574; C85352 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG203438 representing BC028870 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCAAGTCAGAGAGGACAACGATGTCATTGAAGCAGTCAGTACCATCGATGTGCAGGACAAAGAGG
AGAGTCTCTGGCCTCGGGTGTCTGTCTTCTGCTCTAAGGCACCAGGAATCCTCCACGGGGCGGGCTCAG
CGGCCTGAGGACTGTGGATGTAGAATCCCAGAAGATCACATATAGCTCAGGTACAGCTGACAGTGAGTCC
TTGAGCTGCCTTCAGGTCTAGACGCAAATACCTTTGCTTCTGTGGCAACTCAGGTCGGCTGGGGCTTG
TGGACACCCGCCAGAAGTGGGCAGCGTTGGAGACTGTCAGCCCCGGCTCTGGCTGTAGTGGAGAGAGATG
GTGTGCAGAAGTCAGGAACAAGGCCAAGGCCCTGGGCCCTGCATTGCCAGCCTTGGCTCAGATGGGCAG
CTCTGTCTCCTTGACTCCCGAATCTCTGTCTATCCTGTGAGCTCAGCCCAGTGTCCGGTGTCAAACCCA
GCCCTGACCCAGAGCTGCTGCGGGTGAATGGGCTCCGGGCTGGACAACCTGCTTGGCTATTTTCAGGCTT
TGATGGGACAGTACAAATCTATGATGTCACATCATGGGATGGAAAGAAAACCCAAGCGGAGCCTCTCTTC
ACTCACAAGGCCACATCTTCTGGATGGAAATGACGTAGACTCTGCTCCTCTGGTCACCACCCATACT
GGCACCTCGCAAACCCAGAACCTTTGTTATCAGCAGCAAGTGATTCTTCTCTGCATGTGTGGACTGGGT
GGACCTCCAGGCCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203438 representing BC028870
 Red=Cloning site Green=Tags(s)

MWQVREDNDVIEAVSTIDVQDKEESLWPRVSVFCSKAPGILHGARLSGLRTVDVESQKITYSSGTADSES
 LSCLQVLDANTFAFCGNSGRLGLVDTRQKWAALETVSPGSGCSGERWCAEVRNKGGPGPCIASLGSDDGQ
 LCLLDSRNLCHPVSSAQCPVFKPSPDPELLRVTWAPGLDNCLAI SGFDGTVQIYDVTSWDGKKTQAEPLF
 THKGHIFLDGNDVDSAPLVTHTWHPRPRTLLSAASDSSLHVWDWVDLQAS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: BC028870

ORF Size: 789 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

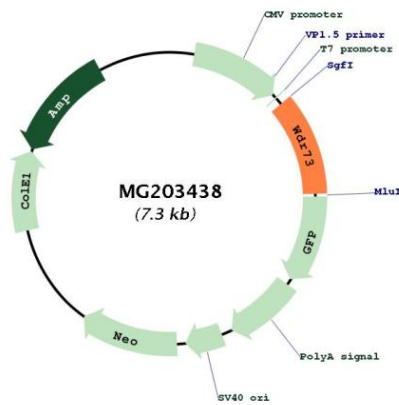
RefSeq ORF: 788 bp

Locus ID: 71968

Cytogenetics: 7 D3

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

Product images:



Circular map for MG203438