

Product datasheet for **MG200503**

Tmem139 (NM_175408) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem139 (NM_175408) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tmem139
Synonyms: A930027H06Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200503 representing NM_175408
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGCCAAGACAGTTGTTGGGAAACTGAAGCAGCCATTTCTCTTCTGAGCAGTGCCTCCCTCCTCC
 TGGGGCTGGCTTTACTGGTCATACAGTCTGATGTCGCCCTGTTGCTTACTTCTTCTCTGCTTGGCTGG
 CTTTTGCTTTGTTGCTTGCCTCTGGCCTGTGTTATGGAACGATGCTCCGATCGATGCCAAGCTCCAGG
 CAGACTGAGAATCCAGAGGCCTCAGGCCAAGCGCAAGACAATGGAGCTTTTGAGGTGCCAACCTATGAAC
 AGGCTGTAGAGGTGATGGATTACAACACAGAGCCACCTCCAAGAGCTGGAGCAACCACCCCTTACAG
 CAGTATCATAATATCCCCAGGAGTTGAGGGGGCACAGCCTAGCCAACCAGACAGTCCCAGCACAGGCAGT
 CTGAAAAGGCGAGTGGGCTCAGAGGGGACAATGACTGCCAGAGGAAACCTGGAAGAATTCCTCGACTTA
 GGGGTCCACGAGTTGTGGCCACTGCTCCTGATCTGCAAAGCATGAGAGTGGCCCCAAACTGGAGCCTAG
 TACTCCACCTCGCCTATGAAATCAGTTTTGCTCATGCTGATGATGACAGTGTTCATGAAAGATAAA
 TGGATACTTCCC

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG200503 representing NM_175408
 Red=Cloning site Green=Tags(s)

MVPRQLLGKLGKQPFLLSSASLLGLALLVIQSDVAPVAYFFLCLAGFCFVACLLACVMERCSSRSMPSRR
 QTENPEASGQAQDNGAFEVPTYEQAVEVMDSQPQSHLQELQPPPYSIIISPGVEGAQPSQPDPSPSTGS
 LKRRVSGEGMTARGNPRILRLRGRPVVATAPDLQSMRVAPKLEPSTPPPAYEISFAHADDDSVFYEDK
 WILP

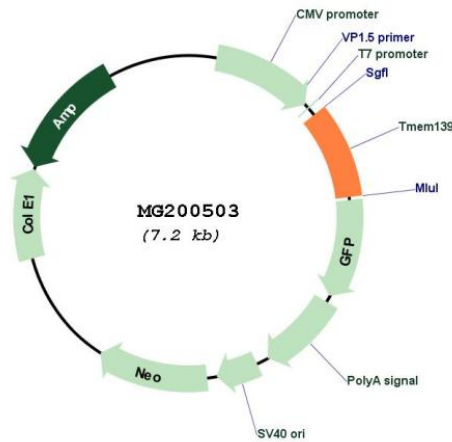
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_175408

ORF Size: 642 bp

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|-------------------------------|---|
| 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: | <ol style="list-style-type: none">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: | NM_175408.4 , NP_780617.2 |
| RefSeq Size: | 1148 bp |
| RefSeq ORF: | 645 bp |
| Locus ID: | 109218 |
| Cytogenetics: | 6 B2.1 |