

Product datasheet for **MG212593**

Tmem240 (NM_001101506) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem240 (NM_001101506) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tmem240
Synonyms: EG381582; Gm5151
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG212593 representing NM_001101506
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCATGAGTGCGAACACCATGATCTTCATGATTCTGGGGCGTCGATCGTGATGGCCATCGCGTGCT
 TGATGGACATGAACGCGCTGCTGGACCGATTCCATAACTACATCTCCCGCACCTGCGGGCGAGGACCG
 CGTCTGCCACTGCAACTGTGGCCGGCACCACATCCACTACGTGATCCCATACGACGGGGACCAGTCGGTG
 GTGGACGCTCTGAGAACTACTTTGTGACAGACAATGTGACCAAGCAGGAGATCGACCTTATGCTGGCC
 TGCTGCTGGGTTTCTGCATCAGTTGGTTCTGGTGTGGATGGACGCGTTCTGCACTGCGCTGTACGCGC
 CTGGAGGGCTGGTCGGCGCTATGATGGCTCGTGGACCTGGCTGCCAAGCTGTGCAGCCTGCGGGAGCTG
 GGCCGGCGGCCACACAGGCCCTTCGAGGAGCCTACGGGGAACATGGTGCACGTGAAGCAGAAGCTCTACC
 ACAACGGCCACCCAGCCCGCGGCACCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG212593 representing NM_001101506
 Red=Cloning site Green=Tags(s)

MSMSANTMIFMILGASIVMAIACLMDMNALLDRFHNYILPHLRGEDRVCHCNCGRHHIHYVIPYDGDQSV
 VDASENYFVTDNVTQEQEIDLMLGLLLGFCISWFLVWMDGVLHCAVRAWRAGRRYDGSWTWLPKLCSLREL
 GRRPHRPFEEPTGNMVHVQKLYHNGHPSRHL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001101506

ORF Size: 519 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: [NM_001101506.1](#), [NP_001094976.1](#)

RefSeq Size: 1378 bp

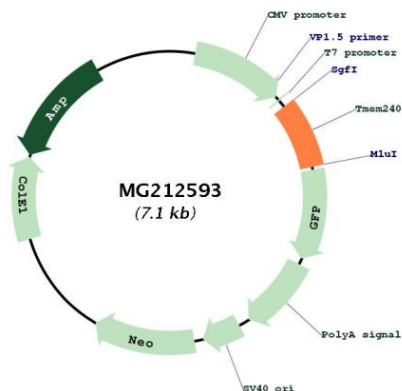
RefSeq ORF: 522 bp

Locus ID: 381582

UniProt ID: [B2RWJ3](#)

Cytogenetics: 4 E2
 MW: 20 kDa

Product images:



Circular map for MG212593