

Product datasheet for **MG212666**

Tmem219 (NM_028389) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem219 (NM_028389) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tmem219
Synonyms: 1110032O16Rik; 2900045G02Rik; IGFBP-3R
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG212666 representing NM_028389
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAGCTGCCAGGCAGGGCACAACTTGCATCTCTGTCTGGCTCATCACCCACCTTTGGTCTGTGCCA
 CTTTGATCCTGCTGCTCCTTGGCCTTTCTGGCCTGGGCCTTGGTGGCTTCTCCTCACCCACAACTGG
 CCTCCGTAGCCCTGACATTCCCCAGGATTGGGTTTCTTCTTGAGATCTTTGGCCAGCTAAGTCTGTGC
 CCCATGAATGAGACAGTCACAGGGACGTGGCAAGGGCCTCACGTCGTCGGCTTACTGACCACTTTGAACT
 TCGGAGATGGTCCAGACAGAAACAAAACCAAACATTCCAAGCCAAGATCCATGGTAGTCAGATAGGATT
 GACAGGGTCTCTGCCGAGAGTCTGTCTTGTACAGCCAGAGTGGCGTCAGGAAGGACTCCAGGGACC
 TGCCATATATTTAGTGGTGTCCAAAAGTCTGCCCTTAGCCAACCACTATATCCTGCTCAGAGGAGG
 GAGTTGAAAATGCTACCCTGAGCCAGTGATGGGTGAGGAGTGTGTGAGGGTCTGGAGCCACGAGCGCCT
 TGTGCTCACCGAGCTCCTTACTTCAGAGGAGCTGGCTCTGTGTGGCAGCAGAGTGTGGGCTTGGGCTTC
 TTCCTGGTTCTGCTCTGTGGCCTCCTCTGCTGTACCACTGCAGTCTGCTTCCATCCGCGCCAGAGTTCC
 ACTGGTCTAGAACACGGCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG212666 representing NM_028389
 Red=Cloning site Green=Tags(s)

MGSCQAGHNLHLCLAHHPPLVCATLILLLLGLSGLGLGGFLLTHTTGLRSPDIPQDWVSFLRSFQQLSLC
 PMNETVTGTWQGPVHVGLLTTLNFGDGPDRNKTQTFQAKIHGSQIGLTGSSAGESVLVTARVASGRTPGT
 CLYFSGVPKVLPSQPPISCSEEGVGNATLSPVMGEECVRVWSHERLVLTELLTSEELALCGSRVLGLGF
 FLVLLCGLLCCTTAVCFHPRPEFHWSRTRL

TRTRPLE - GFP Tag - V

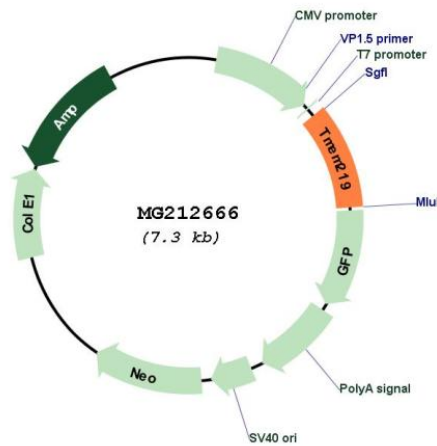
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_028389

ORF Size: 720 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:	<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_028389.1 , NP_082665.1
RefSeq Size:	959 bp
RefSeq ORF:	723 bp
Locus ID:	68742
UniProt ID:	Q9D123
Cytogenetics:	7 F3
Gene Summary:	Cell death receptor specific for IGFBP3, may mediate caspase-8-dependent apoptosis upon ligand binding.[UniProtKB/Swiss-Prot Function]