

Product datasheet for **MG203384**

Tmem106c (NM_201359) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem106c (NM_201359) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tmem106c
Synonyms:	A1046681; BC046621; D15Ert405e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203384 representing NM_201359 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGTCTCAGCACTCCTCTGCCCTCACATTTTGTGAGCGAAAGAAGGATGACAACCCGGAGGACTTGC
TGGCTGATAGAGATCAGGAGGAAGCCATCGCTCAGTCCCTATGTGGAGTTCCTGAGGAAATAGCAT
CACCTGTCACACCTGCCAAGGAGCAGGCTACATCCAGCAGAGCAAGTCAATGAGTTGGTGGCTTTGATC
CCCCACAGTGACCAGAGGCTGCGTCTCAGAGAACAAAACAGTATGTCTCCTGTGCGTCTGCTGTGTC
TCCTGGCATCTGGCCTGGTGTCTTCTTCTGTTCCACACTCGGTCCTGTTGGACGATAACGGCATCAA
AGTGACAAAAGTCACGTTAATGAACAGGACTCCCTTGTGGTCTTGTGTCACGGCCACCTGAAGATC
AGGAACTCCAACCTTCTATCCTGTGGCGGTACCAACCTGTTCCAGCCAGGTCAGTACATGAAGGCTGTGG
TCGGCTCGTACACAACCACGAATGTCTCACTCATTGCCCTAGGAGTGAGCACCTGGTGAATTTTACCGT
GAAGGCTGAGGTGGGAGGACCGTCTTCTATGTGTAAGATTTTCATACATTGGCCACATATCCAGAGCACCTGG
AGACACAGCACTATGTGGATTGTGGGTGAATTCACAGCTGCTCAGAGCCTGTTCTTGGTTCCTCGGG
GCCACACCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203384 representing NM_201359
Red=Cloning site Green=Tags(s)

MGSQHSALTFQQRKKDDNPEDLLADRDQEEAIAQFPYVEFTGRNSITCHTCQGAGYIPAEQVNELVALI
 PHSDQRLRPQRTKQYVLLSVLLCLLASGLVFFFLFPHSVLVDDNGIKVTKVTFNEQDSLVLVDVTATLKI
 RNSNFYPVAVTNLF SQVQYMKAVVGSYTTNVSLLIAPRSEHLVNFVTKAEVGGPSSYVVFYCTLP AIRVH
 NIVIFMRTSVKISYIGHISQSTLETQHYVDCGVNSTAAQSLFLVPRGPHL

TRTRPLE - GFP Tag - V

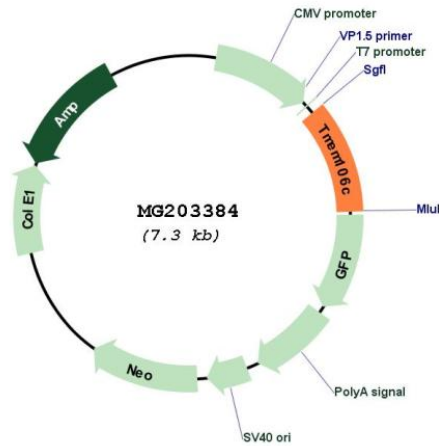
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_201359

ORF Size: 780 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_201359.2
RefSeq Size:	1630 bp
RefSeq ORF:	783 bp
Locus ID:	380967
UniProt ID:	Q80VP8
Cytogenetics:	15 53.96 cM