

Product datasheet for **MR203384**

Tmem106c (NM_201359) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem106c (NM_201359) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tmem106c
Synonyms: AI046681; BC046621; D15Ert405e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR203384 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGTCTCAGCACTCCTCTGCCCTCACATTTTGTGAGCGAAAGAAGGATGACAACCCGGAGGACTTGC
 TGGCTGATAGAGATCAGGAGGAAGCCATCGCTCAGTCCCTATGTGGAGTTCCTGGGAGAAATAGCAT
 CACCTGTCACACCTGCCAAGGAGCAGGCTACATCCAGCAGAGCAAGTCAATGAGTTGGTGGCTTTGATC
 CCCCACAGTGACCAGAGGCTGCGTCTCAGAGAACAAAACAGTATGTCTCCTGTGCGTCTGCTGTGTC
 TCCTGGCATCTGGCCTGGTGTCTTCTTTCTGTTCCACACTCGGTCCTCGTGGACGATAACGGCATCAA
 AGTGACAAAAGTCACGTTAATGAACAGGACTCCCTTGTGGTCTTGATGTCACGGCCACCTGAAGATC
 AGGAACTCCAACCTTCTATCCTGTGGCGGTACCAACCTGTTCCAGCCAGGTCAGTACATGAAGGCTGTGG
 TCGGCTCGTACACAACCAGAAATGTCTCACTCATTGCCCTAGGAGTGAGCACCTGGTGAATTTTACCGT
 GAAGGCTGAGGTGGGAGGACCGTCTTCTATGTGACTTCTACTGCACACTCCCTGCCATCCGGGTACAC
 AACATTGTGATCTTCATGAGGACTTCTGTGAAGATTTACATATTGGCCACATATCCAGAGCACCTTGG
 AGACACAGCACTATGTGGATTGTGGGTGAATTCACAGCTGCTCAGAGCCTGTTCTTGGTTCCTCGGG
 GCCACACCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR203384 protein sequence
Red=Cloning site Green=Tags(s)

MGSQHSALTFQQRKKDDNPEDLLADRDQEEAIAQFPYVEFTGRNSITCHTCQGAGYIPAEQVNELVALI
 PHSDQRLRPQRTKQYVLLSVLLCLLASGLVFFFLPHSVLVDDNGIKVTKVTFNEQDSLVLVDVTATLKI
 RNSNFYPVAVTNLFSQVQYMKAVVGSYTTNVSLLIAPRSEHLVNFTVKAIEVGGPSSYVVFYCTLPFAIRVH
 NIVIFMRTSVKISYIGHISQSTLETQHYVDCGVNSTAAQSLFLVPRGPHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_201359

ORF Size: 783 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_201359.2](#)

RefSeq Size: 1641 bp

RefSeq ORF: 783 bp

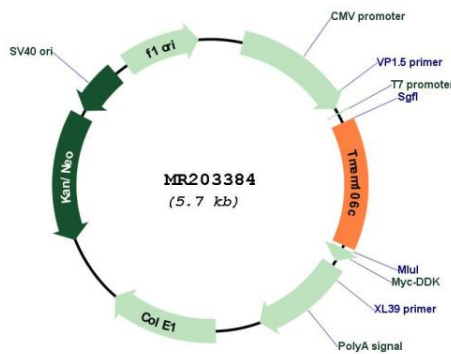
Locus ID: 380967

UniProt ID: [Q80VP8](#)

Cytogenetics: 15 53.96 cM

MW: 29 kDa

Product images:



Circular map for MR203384