

Product datasheet for **RC203368**

TMEM267 (NM_022483) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM267 (NM_022483) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM267
Synonyms:	C5orf28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203368 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCATCCGAGACTGAAAAGACCCATGCTTTACTGCAGACTTGTAGCACTGAATCTCTTATTTCCAGCC
TTGGTCTGGGGCATTTCCTCGTAGCTGACAGACTTCTTCAGTTTTCCACAATTCAGCAAATGACTG
GCTTCGTGCTCTCTCAGATAATGCAGTACATTGTGTAATTGGCATGTGGTATGGCGGTAGTCACTGGA
ATCAAGAAGAAGACTGACTTTGGAGAAATCATTTAGCTGGATTTTAGCCTCTGTATTGATGTAGACC
ACTTTTTCTAGCTGGATCCATGTCTTTAAAGGCTGCTTTGACTCTCCCGGAAGACCTTCCTTCACTG
TTCTACTGTGATCCCGTTGTGGTCTGACCCTGAAATTTACTATGCACCTTTCAAGCTCAAAGACTCA
TGGTGCTTTCTCCCTGGATGTTATTTATATCCTGGACTTCACATCATATCCGAGATGGGATTCGTATG
GTTTGTGGATATGCCATTTGGAAAACTTCTCCTTTGCCATTCTGGCTTTATGTAATAATCACATCATC
TTTACCTCACATCTGTTTCATTGTTATGATTTAACAGGAACCAGACAAATGATGTCTTCAAACATGGA
GTTCTGATTGATGTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC203368 protein sequence
 Red=Cloning site Green=Tags(s)

MASET EKTHALLQTCSTESLISSLGLGAFCLVADRL LQFSTIQQNDWLRALSDNAVHCVIGMWSWAVVTG
 IKKK TDFGEIILAGFLASVIDVDHFFLAGSMLKAALTLPRRPFLHCSTVIPVVVLT LKFTMHLFKLKDS
 WCFLPWMLFISWTSHHIRDGIRHGLWICPF GKTSPLPFWLYVIITSSLP HICSFVMYLTGTRQMMSSKHG
 VRIDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6569_h03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_022483

ORF Size: 645 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_022483.5](#)

RefSeq Size: 2761 bp

RefSeq ORF: 648 bp

Locus ID: 64417

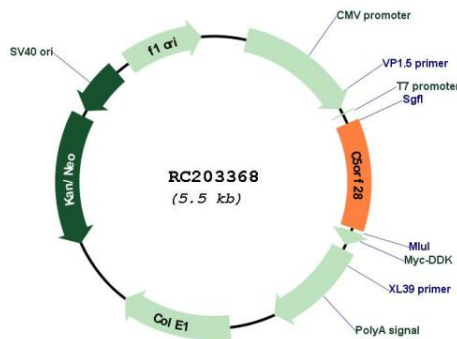
UniProt ID: [Q0VDI3](#)

Cytogenetics: 5p12

Protein Families: Transmembrane

MW: 24.2 kDa

Product images:



Circular map for RC203368