

Product datasheet for RC226951

TMEM106C (NM_001143843) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM106C (NM_001143843) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM106C
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC226951 representing NM_001143843
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGTCTCAGCATTCCGCTGCTGCTCGCCCCTCCTCTGCAGGCGAAAGCAAGAAGATGACAGGGACG
 GTTTGCTGGCTGAACGAGAGCAGGAAGAAGCCATTGCTCAGTTCCCATATGTGGAATTCACCGGGAGAGA
 TAGCATCACCTGTCTACGTGCCAGGGGACAGGCTACATTCCAACAGAGCAAGTAAATGAGTTGGTGGCT
 TTGATCCACACAGTGATCAGAGATTGCGCCCTCAGCGAACTAAGCAATATGTCCTCCTGTCCATCCTGC
 TTTGCTCCTGGCATCTGGTTTGGTGTCTTCTCCTGTTCCGCATTAGTCCTTGTGGATGATGACGG
 CATCAAAGTGGTGAAGTCACATTTAATAAGCAAGACTCCCTTGAATTCTACCATCATGGCCACCCTG
 AAAATCAGGAATCCAACTTCTACACGGTGGCAGTGACCAGCCTGTCCAGCCAGATTAGTACATGAACA
 CAGTGGTGAATTTTACCGGAAGGCCGAGATGGGAGGACCGTTTTCTATGTGTACTTCTTCTGCACGGT
 ACCTGAGATCCTGGTGACAACATAGTGATCTTCATGCGAACTTCAGTGAAGATTTATACATTGGCCTC
 ATGACCCAGAGCTCCTTGGAGACACATCACTATGTGGATTGTGGAGGAAATTCACAGCTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC226951 representing NM_001143843
 Red=Cloning site Green=Tags(s)

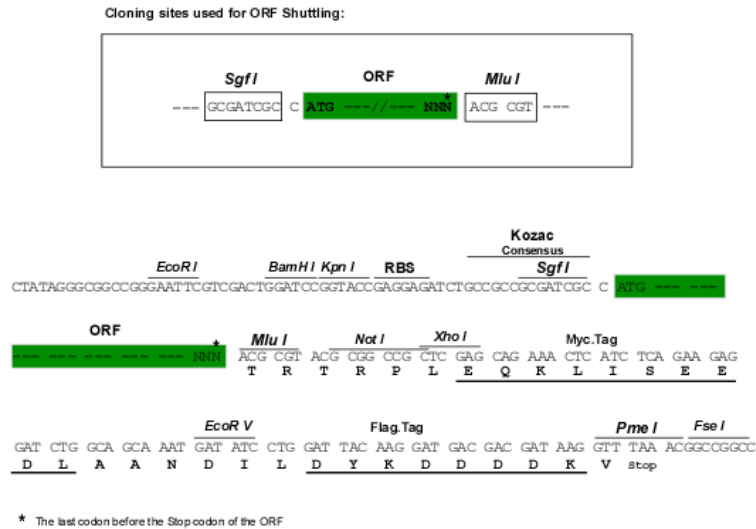
MGSQHSAAARPSSCRRKQEDDRDGLLAEREQEEAIAQFPYVEFTGRDSITCLTCQGTGYIPTEQVNELVA
 LIPHSQRLRPQRTKQYVLLSILLCLLASGLVFFFLPHSVLVDDDGIKVVKVTFNKQDSLVTIMATL
 KIRNSNFYTVAVTSLSSQIQYMNTVVNFTGKAEMGGPFSYVYFFCTVPEILVHNIVIFMRTSVKISYIGL
 MTQSSLETHHYVDCGGNSTAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001143843

ORF Size: 693 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

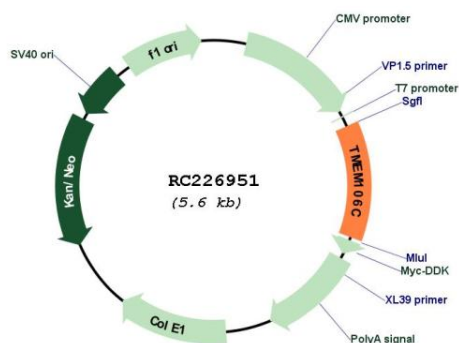
RefSeq: [NM_001143843.1](#), [NP_001137315.1](#)

RefSeq ORF: 696 bp

Locus ID: 79022

UniProt ID: Q9BVX2
 Cytogenetics: 12q13.11
 Protein Families: Transmembrane
 MW: 25.6 kDa

Product images:



Circular map for RC226951