

Product datasheet for **RC221912**

TMEM39B (NM_018056) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM39B (NM_018056) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM39B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC221912 representing NM_018056
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGAGGACGAAGAGGTCCCAACAGGACATCTTACTGTGAAATCCGCTCTGTGAGCCGGGATCCTCGG
 GGGCTCTAGTGAAGCCACACTTCCAGTGCATCGGTGACCAGTGTTCGTTCCCGCACCAGGAGCAGTTC
 TGGAACAGGCCTCTCCAGCCCTCTCTGGCCACCAAACCTGTTGTGCCTCTACAGCACTGCAAGATCCCC
 GAGCTGCCAGTCCAGGCCAGCATTCTGTTTGTGAGTTGCAGCTCTTCTTCTGCCAGCTCATAGCACTTTCG
 TCCACTACATCAACATCTACAAGACAGTGTGGTGGTATCCACCTTCCACCCACCCTCCACACCTCCCT
 GAATTCCATCTGATCGACTTCAACTTGTCTGATGGTGACCACCATCGTTCTGGGCCGCCGCTTCATTGGG
 TCCATCGTGAAGGAGGCCTCTCAGAGGGGAAGGTCTCCCTCTTTCGCTCCATCTGCTGTTCTCTACTC
 GCTTACCCTTCTCACGGCAACAGGCTGGAGTCTGTGCCGATCCCTCATCCACCTCTTCAGGACCTACTC
 TTCTCTGAACCTCTGTTCTCTGCTATCCGTTTGGGATGTACATTCCGTTCTGCAGCTGAATTGCGAC
 CTCGCAAGACAAGCCTCTTCAACCACATGGCCTCCATGGGGCCCGGGAGGCGGTCACTGGCCTGGCAA
 AGAGCCGGGACTACCTCCTGACACTGCGGGAGACGTGGAAGCAGCACACAAGACAGCTGTATGGCCCGGA
 CGCCATGCCACCCATGCCTGCTGCCTGTCAACCCAGCCTCATCCGAGTGAAGTGGAGTTCTCAAGATG
 GACTTCAACTGGCGCATGAAGGAAGTGTCTGCTCAGCTCCATGCTGAGCGCCTACTATGTGGCCTTTGTG
 CTGTCTGGTTCGTGAAGAACACACATTACTATGACAAGCGCTGGTCTGTGAACCTTCTCTGCTGGTGTG
 CATCAGCACCTCCGTGATCCTCATGCAGCACCTGCTGCCTGCCAGCTACTGTGACCTGCTGCACAAGGCC
 GCCGCCATCTGGGCTGTTGGCAGAAGTGGACCAGCGCTGTGCTCCAACGTGCTGCAGCACCCGTGGA
 CTGAAGAATGCATGTGGCCGACGGCGTCTGGTGAAGCACAGCAAGAAGTCTACAAGCCGTAGGCCA
 CTACAACGTGGCTATCCCCTCTGAGCTCTCCACTTCCGCTTCCATTTCTTTTTCAGCAAACCCCTGCGG
 ATCCTCAACATCCTCCTGCTGCTGGAGGCGCTGTATTGTCTATCAGCTGTACTCCCTAATGCTCCTG
 AAAAGTGGCACCAGACCTCTCGCTGGCCCTCATCCTCTCAGCAACTACTATGCCTTCTCAAGCTGCT
 CCGGGACCGCTTGGTATTGGCAAGGCCTACTCATACTCTGCTAGCCCCAGAGAGACCTGGACCACCGT
 TTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence:

>RC221912 representing NM_018056
 Red=Cloning site Green=Tags(s)

MGRRRGNRSTYCRNPLCEPGSSGGSSGSHSTSSASVTSVRSRTRSSSGTGLSSPPLATQTVVPLQHCKIP
 ELPVQASILFELQLFFCQLIALFVHYINYKTVWWYPPSHPPSHTSLNFHLIDFNLLMVTITVLGRRFIG
 SIVKEASQRGKVSIFRSILLFLTRFTVLATGWSLCRSLIHLFRTYSFLNLLFLCYPFGMYIPFLQLNCD
 LRKTSLFNHMASMGPREAVSGLAKSRDYLLTLRETWKQHRQLYGPDAMPHTACCLSPSLIRSEVEFLKM
 DFNWRMKEVLVSSML SAYYVAFVPVWFVKNTHYYDKRWSCEFLLVSISTSVILMQHLLPASYCDLLHKA
 AAHLGCWQKVPALCSNVLQHPWTEECMWPQGVLYKHSKNVYKAVGHYNVAIPSDVSHFRHFFFSKPLR
 ILNILLLEGAIVYQLYSLMSSEKWHQITISLALILFSNYAFAFKLLRDRLVLGKAYSYSASPQRDLDFR
 FS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1147_a11.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_018056

ORF Size: 1476 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_018056.4](#)

RefSeq Size: 1834 bp

RefSeq ORF: 1479 bp

Locus ID: 55116

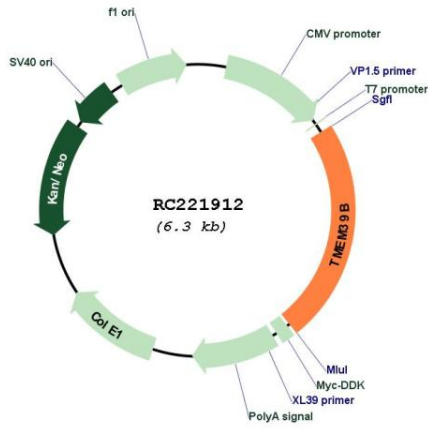
UniProt ID: [Q9GZU3](#)

Cytogenetics: 1p35.2

Protein Families: Transmembrane

MW: 56.1 kDa

Product images:



Circular map for RC221912