

Product datasheet for RC232166

TMEM139 (NM_001242774) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM139 (NM_001242774) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM139
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC232166 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGCCAATGCACTTACTGGGGAGACTGGAGAAGCCGCTTCTCCTCCTGTGCTGCGCCTCCTTCTCTAC
TGGGGCTGGCTTTGCTGGGCATAAAGACGGACATCACCCCGTTGCTATTTCTTTCTCACATTGGGTGG
CTTCTTCTGTTTGCCTATCTCCTGGTCCGGTTTCTGGAATGGGGGCTTCGGTCCCAGCTCCAATCAATG
CAGACTGAGAGCCAGGGCCCTCAGGCAATGCACGGGACAATGAAGCCTTTGAAGTGCCAGTCTATGAAG
AGGCCGTGGTGGACTAGAATCCAGTGCCGCCCCCAAGAGTTGGACCAACCACCCCTACAGCACTGT
TGTGATACCCCCAGCACCTGAGGAGGAACAACCTAGCCATCCAGAGGGGTCCAGGAGGCCAAACTGGAA
CAGAGGCGAATGGCCTCAGAGGGGTCCATGGCCAGGAAGGAAGCCCTGGAAGAGCTCCAATCAACCTTC
GGCTTCGGGGACCACGGGCTGTGTCCACTGCTCCTGATCTGCAGAGCTTGGCGGCAGTCCCACATTAGA
GCCTCTGACTCCACCCCTGCCTATGATGTCTGCTTTGGTACCCTGATGATGATAGTGTTTTTTATGAG
GACAACTGGGCACCCCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC232166 protein sequence
Red=Cloning site Green=Tags(s)

MVPMHLLGRLEKPLLLLCCASFLLGLALLGIKTDITPVAYFFLTLGGFFLFAYLLVRFLEWGLRSQLQSM
QTESPGPSGNARDNEAFEVPVYEEAVVGLSESQCRPQELDQPPYSTVVIPPAPEEEQPSHPEGSRRAKLE
QRRMASEGSMQEGSPGRAPINLRLRGPRAVSTAPDLQSLAAVPTLEPLTPPPAYDVCFGHPDDDSVFYE
DNWAPP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV



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Chromatograms: https://cdn.origene.com/chromatograms/mk6331_g01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001242774

ORF Size: 648 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_001242774.2](#), [NP_001229703.1](#)

RefSeq Size: 2189 bp

RefSeq ORF: 651 bp

Locus ID: 135932

UniProt ID: [Q8IV31](#)

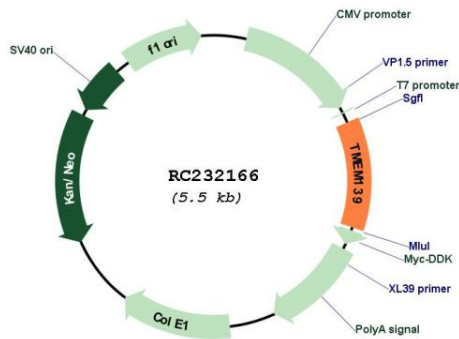
Cytogenetics: 7q34

Protein Families: Transmembrane

MW: 23.7 kDa

Gene Summary: May be involved in cellular trafficking of proteins such as SLC4A1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC232166