

Product datasheet for RC236536

TMEM40 (NM_001284407) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM40 (NM_001284407) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM40
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236536 representing NM_001284407
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGACTTCAGCATCCTCCTCCAGCCTCAGGACAACAGTCAAGTCCACAGAGAAACAGAAGATGTAG
ACTATGGAGAGACAGATTTCCACAAGCAAGATGGGAAGGCTGGACTCTTTTCCCAAGAACAATATGAGAG
AAACAAGTCTTCTCCTCCTCCTCTCTCCTCCTCATCCTCCTCATCTTCTTTCATCCTCCTCCTCA
GGTCCTGGGCATGGGGAGCCTGACGTTTTGAAGGATGAGCTTCAACTCTATGGAGATGCTCCTGGAGAGG
TGGTACCTCCTGGGAATCAGGACTCCGAAGGAGAGGCTCTGACCCAGCAAGTGGAGAAGTGGAGGCCTC
TCAGTTAAGAAGACTGAATATAAAGAAAGATGATGAGTTTTTCCATTTCTCCTCTGTGCTTTGCCATC
GGGGCCTTGCTGGTGTGTATCACTATTACGCAGACTGGTTCATGTCTCTTGGGGTGGCCTGCTCACCT
TCGCCTCCTGGAACCGTTGGCATCTACTTCGGACTAGTGTACCGTATCCACAGCGTCTCCAAGGCTT
CATCCCCCTTCCAGAAGTTTAGGCTGACAGGGTTCAGGAAGACTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236536 representing NM_001284407
Red=Cloning site Green=Tags(s)

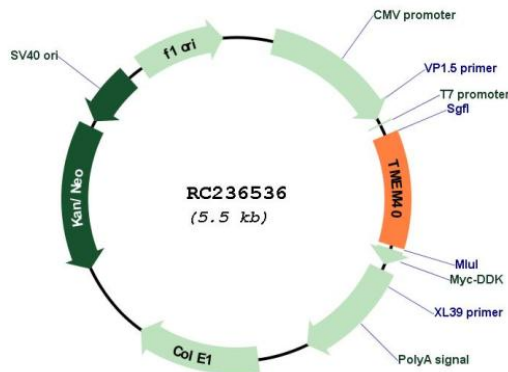
METSASSSQPDNSQVHRETEDVDYGETDFHKQDGKAGLFSQEYERNKSSSSSSSSSSSSSSSSSSSSSSSS
GPGHGEPDVLKDELQLYGDAPGEVVPVSGESGLRRRGSDPASGEVEASQLRRLNIKKDDEFFHFVLLCFAI
GALLVCYHYADWFMVSLGVLLTFASLETVGIYFGLVYRIHSVLQGFIPLFQKFRLTGFRKTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:

Plasmid Map:


ACCN: NM_001284407

ORF Size: 609 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:	<ol style="list-style-type: none">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:	<u>NM_001284407.2</u>
RefSeq Size:	1983 bp
RefSeq ORF:	612 bp
Locus ID:	55287
UniProt ID:	<u>Q8WWA1</u>
Cytogenetics:	3p25.2
Protein Families:	Transmembrane
MW:	22.7 kDa