

Product datasheet for **SC100831**

TMEM139 (NM_153345) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM139 (NM_153345) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM139
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100831 sequence for NM_153345 edited (data generated by NextGen Sequencing)

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ATGGTGCCAATGCACTTACTGGGGAGACTGGAGAAGCCGTTCTCCTCCTGTGCTGCGCC
TCCTTCTACTGGGGCTGGCTTTGCTGGGCATAAAGACGGACATCACCCCGTTGCTTAT
TTCTTTCTCACATTGGGTGGCTTCTTCTTGTTCCTATCTCCTGGTCCGGTTTCTGGAA
TGGGGGCTTCGGTCCCAGCTCCAATCAATGCAGACTGAGAGCCCAGGGCCCTCAGGCAAT
GCACGGGACAATGAAGCCTTTGAAGTGCCAGTCTATGAAGAGGCCGTGGTGGGACTAGAA
TCCCAGTGCCGCCCAAGAGTTGGACCAACCACCCCTACAGCACTGTTGTGATACC
CCAGCACCTGAGGAGGAACAACCTAGCCATCCAGAGGGGTCCAGGAGAGCCAACTGGAA
CAGAGGCGAATGGCCTCAGAGGGGTCCATGGCCCAGGAAGGAAGCCCTGGAAGAGCTCCA
ATCAACCTTCGGCTTCGGGGACCACGGGCTGTGTCCACTGCTCCTGATCTGCAGAGCTTG
CGGGCAGTCCCCACATTAGAGCCTCTGACTCCACCCCTGCCTATGATGTCTGCTTTGGT
CACCTGATGATGATAGTGTTCCTTATGAGGACAACTGGGCACCCCTTAA
```

Clone variation with respect to NM_153345.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_153345 unedited
 TCGCATATTTGTATACGACTCACTATAGGCGGCCGNAATTCGCACGAGGTGGGTGCGA
 GGGTCGGGAGGGTCATGGGATTGGGACCGAGGTGTGAGGAGGGAATCTGCAATTCCTTGC
 TACACAGAGCGCTGGCAACTTCTGACAGGCTGTTTCTGGGGTATGGGCTGCCTCGGGTTG
 TTGCTGTTACAAGGAAAGAAAAGAGTCCCTGCCACCGCTCCAGCCACTGGGCTAC
 CTCCTGGCAGGAAATTTGCAAACTGAGTTTAAACAAGTTAGGATCAGCAGAGGGTAGAGGA
 GGGCCCTGGCAGATGTGGGTCTAGAAGAGGACAGGAGTTATCAGGGCCTCCGGCCATTG
 TGCTGGGCCTTTGCCTGTACAATTGTTTCTCAAGCAGTTGTGCCCTGTGGCTTTGGTGC
 GCCTGTGTGCACTTTCTCCCTCCACCTGGAGCATGGGCTAACACCGGAGGAAAGGAAAAG
 ACAGAGTCAGACAGGAGCCTGGGGAGGGGCCATGGTGCCAATGCACTTACTGGGGAGAC
 TGGAGAAGCCGTTCTCCTCCTGTGCTGCGCCTCCTTCTACTGGGGCTGGCTTTGCTGG
 GCATAAAGACGGACATCACCCCGTTGCTTATTTCTTTCTCACATTGGGTGGCTTCTTCT
 TGTTTGCCTATCTCCTGGTCCGGTTTCTGGAATGGGGCTTCGGTCCCAGCTCCAATCAA
 TGCAGACTGAGAGCCAGGGCCCTCAGCAATGCACGGGACAATGAAGCCTTTGAAGTGC
 CAGTCTATGAAGAGGCCGTGGTGGGACTAGAATCCCAGTCCCGCCCAAGAGTTGGACC
 AACCCACCCCTACAGCACTGTTGTGATACCCCAAGCACCTGAGGAGGAACACCTANCC
 ATCCAGAGGGGTCCAGGAAACCAAACTGGGACAGGAGCGAATGCCCTCAGAGGGGTCCAT
 GCCN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_153345 unedited
 NGGGCCTATGTACGCGCCGCTTCTANGATCGATTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTCATCCAGTTATTTAATGTTATTTACTAGCAGGGGGCCCTCGGGCA
 CATTATCAAACCTCTGACTCTTGAATCCTCATTTTTCAATAATAACTCACAAAGCTG
 TCAAGCCTAAGGGTTCTAACAGCTCGAACAGCACCTGGAACAAAACCAATAGCCGCCACT
 CAAAGGTTACTTCTCCTTCTCCGCTTCTCTGGATCACCTCCCTACCTCATCCTCAATC
 TAACGCTGGAAATATTGGATATGGGGTAGGTACCAAATGTTGCCAGAAAACCTCAATTA
 TGCCACCCATATCTCAGCTGGGAAGGGCTTACCGTGGCCTGACTCTCCTCAGGGTCCAAG
 TCCCCATTTATGATGTCCAGGCAAAAACACTTGTTTCTGACACATAGTAGGCGCTGGAAA
 ATGTTAGTCAAATGAACAAGGTCTGGTGTGAAAGAAAAAATCTTGGGAAAGTCATTT
 AAGGGGTGCCAGTTGCTCATAAAAAACACTATCATCATCAGGGTGACCAAAGCAGAGA
 CATCATAGGCAGGGGTGGAGTCAGAGGCTCTAATGTGGGGACTGCCCAAGCTCTGCA
 GATCAGGAGCAGTGGACACAGCCGTGGTCCCGAACCCGAGGTTGATTGGAGCTCTTCC
 AGGGCTTCTTCTGGCCATGGACCCCTCTGAGGCCATTCCTCCTGTTCCAGTTGGGC
 TCTCCTGGACCCCTCTGGATGACTAGGTTGTGCTCCTCAGGTGCTGGGGGTATCACA
 ACAGTGCTGTAGGGGGTGGTTGGTC

Restriction Sites:

ECoRI-NOT

ACCN:

NM_153345

Insert Size:

1650 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_153345.1](#), [NP_699176.1](#)

RefSeq Size: 2400 bp

RefSeq ORF: 651 bp

Locus ID: 135932

UniProt ID: [Q8IV31](#)

Cytogenetics: 7q34

Protein Families: Transmembrane

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

Transcript Variant: This variant (1) encodes the functional protein. Variants 1, 2, 3, 4, 8, and 9 encode the same protein.