

Product datasheet for **SC108387**

TMEM169 (NM_138390) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM169 (NM_138390) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM169
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108387 sequence for NM_138390 edited (data generated by NextGen Sequencing)

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ATGGAAGAGCCAACAGCAGTAGAAGGCCAGGTCCAGCTTCCAAGCCCCACCAGGGCTCT
CTCAGGAAGGCTGTGGCTGCTGCCCTGGCGCTGGATGGGGAATCCACAATGGGGCACAGG
AAAAGAAGAGGAAAGAGTCACGCCCAGAATCCATCATCTACCGCTCAGACAATGAG
AAAACAGATGAGGAGCCCGGAGAATCAGAAGGTGGAGATCAGCCTAAAGAGGAGGAGGGA
GATGATTTCTAGACTATCCTGTGGATGATGATATGTGGAACCTGCCTCTGGACAGCCGC
TACGTCACCTTAAGTGGGACCATCACACGAGGGAAGAAAAGGGTCAGATGGTGGACATC
CATGTCACATTGACAGAGAAAGAGCTGCAGGAAGTACCAAACTAAAGAGTCATCAAGG
GAAACGACGCCTGAAGGAAGAATGGCCTGCCAGATGGGAGCTGACCGTGGGCCCCATGTG
GTCCTCTGGACGCTGATCTGCCTGCCTGTGGTTTTTCATCCTTTCTTTTGTGTCTTTT
TACTACGGCACTATCACCTGGTACAACATCTTCCTCGTGTATAATGAGGAAAGGACCTTC
TGGCACAAGATCTCGTATTGCCCTTGCCTCGTTCTTCTATCCAGTGCTCATCATGGCC
ATGGCTTCTTCCCTCGGCTCTACGCTGCTGTGGTCCAGCTCTCGTGGTCTGGGAAAGCA
TGGTGGCAAGCTGCCCGGACATGGAGAAAGGCTTCTGTGGTGGCTCTGCAGCAAGCTG
GGTCTGGAGGACTGTTCTCCCTACAGCATTGTGGAGTTGCTTGAATCCGACAATATCTCA
AGCACTCTCTCCAACAAGGACCCCATCCAAGAAGTAGAAACCTCCACGGTCTAA
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Clone variation with respect to NM_138390.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_138390 unedited</p> <pre>GGGTTACATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCTTTGCAT AGCCCCATCTAGGAAGAAGTTCTGTGATGTGTGAACTGTGAGTTTACTCAAACAAGTCCA ACTCTTTATAAGACATAGGTAGACGTCAGGTCTGGAATGGAAGAGCCAACAGCAGTAGAA GGCCAGTCCAGCTTCCAAGCCCCACCAGGGCTCTCTCAGGAAGGCTGTGGCTGCTGCC CTGGCGCTGGATGGGAATCCACAATGGGGCACAGGAAAAAGAAGAGGAAAGAGTCACGC CCAGAATCCATCATCATCTACCGCTCAGACAATGAGAAAAACAGATGAGGAGCCCCGGAGAA TCAGAAGGTGGAGATCAGCCTAAAGAGGAGGAGGAGATGATTTCTAGACTATCCTGTG GATGATGATATGTGGAACCTGCCTCTGGACAGCCGCTACGTCACCTTAACTGGGACCATC ACACGAGGGAAGAAAAAGGGTCAGATGGTGGACATCCATGTCACATTGACAGAGAAAGAG CTGCAGGAACTGACCAAACCTAAAGAGTCATCAAGGAAACGACGCCTGAAGGAAGAATG GCCTGCCAGATGGGAGCTGACCGTGGGCCCATGTGGTCTCTGGACGCTGATCTGCCTG CCTGTGGTTTTTCCTTTCTTTTGTGTCTTTCTACTACGGCACTATCACCTGGTAC AACATCTTCTCGTGATAATGAGGAAAGACCTTCTGGCACAAGATCTCGTATTGCCCT TGCTCGTTCTTCTATCCAGTCTCATCATGGCCATGGCTTCTCCCCTCGCCTCTAC GCTGCTGTGGTCCAGCTCTCGTGGTCTGGGAAGCATGGNTGGCAGCTGCCCGGNACATG GAGAAAGGCTNCTGTNGCTGGCTCTGCAGCAAGCTGGGTC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_138390 unedited</p> <pre>NNNNNTTACTNTGNNACCGCGCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTTAA ATCAGACTTTATTTTTATTTTCTTTGTCTTCATTTAATTGTTTCATATCTCTGCTAATGCA CCATAGAGCACCAGATTAACACTAAAAGTGTGGGCACTTTTTTTTTCTTGCAAGCTA ATAATAGTTATTTAAAAAAGAGAGAGTTCCTCTGAAGGTGGAGCTCAGCAC CATACATCAGGCAATGTCTGGGCTCTGTGGGGAGCATGACAACTCCTCTGGTTTG ATTCATCGCAGCAGTTCTCTCAACAGCTTTGTTTTGAGACATGAACAAGAAAAGAGCACC AGCTATTCTTATAAGGACCCAAATCTCCAAATTCTGCTGACCTCTTAGGAGTTGATATTT TGAAATTAGAAGGACACCCTTAGGAGTGATTTTTTTTTTTAAAGTCAAAGTCTGTTAATC TGTATTAATCTAGTTTACACTCCCTACAGGCCAGGTAGACACAAGTTTCTCAGCAGACGA AAGATCATGTCTGTGGTTAAACTCAGAAAGGTCTGAGGGAGTAAAGCTCTGAGTGAGGTT TTGCCAAACAACAGAAGGCTAAATCTGGCTTCTTGTACTTAGGGCTACTGATCGCTGTT GGAGGAACTTTGGCAGATGCAATTCCTCCCTTCTGGNCTTAAATCTAGGTTAAATATC ACCACCTCGTCCCACCTCCACCACCAGGACANAGAGTTATGCTACTATTATAAATTGTAC TCTCCTGTCCACTATTCCTTTCCAAAACAATNACATGACATTACAGAAGCTAATTGCAAA GTACGTGAGTGGCTATATCGATGTATAGCATATTAAGTATATGTAGCTAATATCTATAT ATAAATNCTCG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_138390
Insert Size:	3220 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_138390.2](#), [NP_612399.1](#)

RefSeq Size: 3307 bp

RefSeq ORF: 894 bp

Locus ID: 92691

UniProt ID: [Q96HH4](#)

Cytogenetics: 2q35

Protein Families: Transmembrane