

Product datasheet for **SC100912**

TMEM68 (NM_152417) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM68 (NM_152417) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM68
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152417, the custom clone sequence may differ by one or more nucleotides

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ATGATAGACAAAAATCAAACCTGTGGTGTAGGACAGGATTCTGTGCCCTATATGATTTGTCTGATTCACA
TACTCGAAGAATGGTTTGGTGTGGAGCAGTTGGAGGACTATTTGAATTTTGCAAATCTCTTGTGGGT
TTTTACACCACTAATACTTTTAATACTTCCTTACTTTACTATCTTTCTTCTCTACCTTACTATTATTTTC
TTACACATTTATAAGAGAAAGAATGTATTGAAAGAAGCCTACTCTCATAATTTATGGGATGGTGCAAGGA
AAACAGTGGCAACTCTGTGGGATGGACATGCAGCCGTTTGGCATGGTTATGAAGTTCATGGAATGGAAAA
AATACCAGAAGATGGACCAGCACTTATAATTTTTATCATGGAGCTATTCCTATAGATTTTACTATTTTC
ATGGCTAAAATATTTATACACAAAGGCAGAAGCTGCCGAGTAGTAGCTGATCACTTTGTCTTTAAATTC
CAGGGTTTAGTTTATTACTGGATGTGTTTTGTGCTCTACATGGACCAAGAGAAAAATGTGTTGAAATTCT
GAGGAGTGGCCACTTGTTAGCTATCTCACCAGGTGGAGTTCGAGAAGCCCTAATTAGTGATGAACTTAT
AACATCGTATGGGGTCATCGCAGAGGCTTTGCTCAGGTTGCAATTGATGCAAAAGTGACGAAGAATGCTG
TTCAAGCTTTGATTGATAAGCACCAAGAATACCAGGAAACATTATGAGTGCTTTGTTAGAACGTTTTCA
TTGA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152417 unedited TAGGCGGCGCCGATTCCGGACGAGGGAGGAATCCGCCGTGCAAACTCTGTCCGCCCCCTT GGCCACTGATCCCCGAAGAGCTTCTGTGCGCGCTCTAGGAATACAGACATTGAAGTTTG GGACAAGATATTTATCTAACTTCTGTGTCAAAATTAGCGACCTGCTATGGCAATGAAGAA AGAACTGAATTTGTCAATTTTACCTGAAGAAAAATGATAGACAAAAATCAAACCTGTGG TGTAGGACAGGATTCTGTGCCCTATATGATTTGTCTGATTCACATACTCGAAGAATGGTT TGGTGTGGAGCAGTTGGAGGACTATTTGAATTTGCAAACTATCTTGTGGGTTTTTAC ACCAATAACTTTTAACTTCTTACTTTACTATCTTTCTTCTACCTTACTATTAT TTTCTTACACATTTATAAGAGAAAGAATGTATTGAAAGAAGCCTACTCTCATAATTTATG GGATGGTGAAGGAAAACAGTGGCAACTCTGTGGGATGGACATGCAGCCGTTTGGCATGG TTATGAAGTTCATGGAATGGAAAAATACCAGAAGATGGACCAGCACTTATAATTTTTTA TCATGGAGCTATTCCTATAGATTTTACTATTTTATGGCTAANATATTTATACACAAAGG CAGAACTTGCCGAGTAGTAGCTGATCACTTTGTCTTTAAATTCAGGGNTTAGTTTATTA CTGGATGTGNNTTGTGCTCTACATGGACCAAGAAANAATGTGTTGAAATCTGGAGAGT GGCCCCCTGTAGCTATCTCACAAGNTGGAGTTCGAGGAGCCCTAATTAGTGATGAACT ATNACATCGTNTGGGGGCATCGCANAGGCTTTGGCTCAGTGCATTGATGGCAAAGTGCCA TTATTCCTATGGTACACAATATTCGAAAG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_152417 unedited ACTATGAACCGCAGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTATTTTCCCAATTTTTTATTCAATTTAAAAAAATACATCTTTTTCATTGTG CTTGGCAACTGGACATGACAATTTAAACACCCAATGGGAAAAATATATACCTAACTCGC TAAAGGATTTTGACATTGTTTAAATTAATTATTTTATTATTTTGGTTCAACAGTTATCAA TCACCGTAAATATAAATAACAAAATAATATCCTTCATCATACGATCATGTTTTTAAAAAG TGAATTGTTGAGGCACAAAACATTACGTGACTTGCCCAAGGTCATGAAGGGAATGAGGG GCAAAACACAGCATGTTTTTCTAACTTAAACAACTATACTAACCCTAGCTTATACCAT CTTTCAAATCAGCTCAGGGCGACAGATACCGAAATTTAACGCATTATCCAGGAATGTTT GTTTAACTTAACTGCTGTTATTAATAAACTTAAAAATCTATATGTTTAGCATAAATTGT TAGGAATTTACCAATAAGACATCTTTTCTGAATTACTAAGGGTGAATTTGTTAGTATT TGACACAATTGCCAAAACCAATTGACTATTTTAAAGAAACCAATTCTGTGAAAGATGCT TATTAACATGATTTTTTTTAAAAAACTAATTATAGGACCTACCAATTCGAAGACAGGT CCCTTAGAACAAACATTTAATATAAATGTACTAAATCATCTTCTAGATGACCCCTTGTTA TCAATGAAAACGTTCTAACAAGCACTCATAATGTTTCCTGGAATTCCTTGTGGCTTAT AAAACAAGGCTGAACAGCATTCTTCGTCTTTTCAACAAATCTTCCCGTTATCTGGTGGT AAAACGAATGGGGCGGCCAAAAGGTCCGTAATCCCGGGGAACCCTACTTGACCAAGG GAGGCGATTTTCT
Restriction Sites:	NotI-NotI
ACCN:	NM_152417
Insert Size:	1900 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:	<u>NM_152417.1, NP_689630.1</u>
RefSeq Size:	2415 bp
RefSeq ORF:	2415 bp
Locus ID:	137695
UniProt ID:	<u>Q96MH6</u>
Cytogenetics:	8q12.1
Domains:	Acyltransferase
Protein Families:	Transmembrane