

Product datasheet for **SC102045**

TMEM9 (AK094588) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM9 (AK094588) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM9
Synonyms:	DERM4; TMEM9A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK094588, the custom clone sequence may differ by one or more nucleotides

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TTTCTGTTCCAGTTTGTAGCATTTTTCTGCTTGCCTTTGAAGAGTCTATAAATAGCATTGGAAAATAAT
TCTCATATTTAAAGGCACTGCTGGGTCCTCCATCAGTTTCTCCTTCGAGGCACATTTAGGGGGCGGTG
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CCTGAGGCAGCCCTCCTGCAACTGTCATTCTCCTTCTCTGAACTTGCTCCAGTGGGCTCACCCCTCAG
GGACCAGATGCCTGAGACCTGAAATTTAGAGCCAGATGTCACCGCTGCTCCCTGTTTGGCCGGGAGGGAA
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GGAGGCTCCCCTCAACTCAGCCTATTGAAGACCCAGCCTCTGTTCTCCTCCGCCTTCTGGGGTACAG
GTGAGGTCTGATTATTTGCCCTGTTTAAACAGGCGTGAACACGGTGCCCAATCAGGTGGGACATTGGTC
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AGGTGATCTAGCCAGCAGTTCTCAATCAGATGATTACAGCCCCCAGGGGGCATTAGAGGTGGGTGA
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CAGCGGAAGACAGTCTTCGATCGGCACAAGATGCTCAGCTAGATGGGCTGGTGTGGTTGGGTCAAGGCC
CAACCATAGGCTGCCAGCTTCCAGGCTGGACAAAGCAGGGGGCTACTTCTCCCTCCCTCGGTTCCAGT
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ACTCGAGGCTGAGCGTGGATCTGAACACCACAGCCCTGACTTGGGTTGCCTCTGTCCCTGAACCTCG
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ATTAATTGTTTTATTTCTCTC
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK094588 unedited GTAATACGACTTTACTATAGGGCGGCCGGAATTCGGCACGAGGCAACTGCACAATGAGGAGAGAATGAGGATGCTCGCTCTATGGCAGCAGCTGCTGCATCCCTCGGGGACCCCGAGCAAACACAGTCCTGGAGCGTGTGGAAGGTGCCAGCAGCGGTGGAAGCTGCAGGTGCAAGCAGCAGCGGAAGACAGTCTTCGATCGGCACAAGATGCTCAGCTAGATGGGCTGGTGTGGTTGGGTCAAGGCCCAACACCATGGCTGCCAGCTTCCAGGCTGGACAAAGCAGGGGGCTACTTCCCTTCCCTCGGTTCCAGTCTTCCCTTTAAAAGCCTGTGGCATTTCCTCCTTCCCTAACCTTTAGAAATGTTGACTTGGCTATTTTGATTAGGGAAGAGGGATGTGGTCTCTGATCTCTGTTGTCTTCTGGGTCTTGGGGTTGAAGGGATGGGAAGGCAGGCCAGAAGGGAATGGAGACATTTCAGGGCGCCCTCAGGAGTGGATGCGATCTGTCTCTCCTGGTCCACTCTTGCCGCTTCCAGCTCTGAGTCTTGNGAATGTTGCTACCCTTGAAGATAAAGCTGGTCTTCAAGAAGCTCAGTGTCTGGGAGGAAAGCATGGCCAGCATTGAGTGTGTTTCTTCTGCAGTGGTCTTATCACCACCTCCCTCCAGCCCCAGCGCTCAGCCCCAGCCCAGCTTTCAGCCCTGAAGACAGCTCTGATGGGAGAGCTGGCCCCCTGAGCCACTGGGTTTTCAAGTTGCACTGGAAGCTTGTGTTCCGCTGTCCCTGTGCATTTTTCGCACTGGGGCATGGATGGCAATGCATACTCTGCTGCCGGTCCCCTTCTGGACTTGAAGGGTCTGGGCAGTCCCTCTTCTCCAAAG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK094588 unedited GCGTTTACCAGCGCCCGTANCTATTATCGAGTTTTTTTTTTTTTTTTTTTGGAGAAATAAAACAATTTAATGATGGCTTCCCTTGATTTACACACAAGTCTAAGACAAGAGGACAAAATTTCTCTCCATGCACTGGTACAACGAAGTTCAGGGACAAGAGGCAACCCAAGTACAGGGGTGTGGTGTTCAGATCCACGCTCAGCCTCGAGTCTCATGTTCCAACCGACCGTCTGGCTCATGTGACTGTGGACTGGGAGAGAGGGACTGCCAGACCCCTCAAGTGCAGGTGAGGGACCCGCGCAGAGTATGCATGGGCACTCCATGCCCCAGTGCAGAGAAGTGCACAGGGGACAGCAACACCAGCTTCCAGTGCACCCTGAAGACCCAGTGGGCTCAGGGGGCCAGCTCTCCATCAGAGCTGTCTCAGGGCTGGAGCTGGGGCTGGGGCTGAGGGCTGGGGCTGGGAGGAGGGTGGTGATAAGAACCCTGCAGAAAGGAACACATGCTGAATGCTGGGCCATGCTTCTCCCAGACTGAGTTCCTGAAGACCCAGCTTTATCTTCCAAGGTAACAACATTTCCCAAGACTCAGAGCTGGAAGGCGGCAAGAGTGGAGCCAGGAGAGACAGATCGCATCCACTCTGAGGCCGCTCGAATGTCTCCATTCCCTTCTGGCCTGCCTTCCCATCCCTTCAACCCCAAGACCCAGAACAGAGATCAGGAGACCACATCCCTTCTCCCTAATCAAAATAGCAAGTACAACATTTCTAAAGTTAGGGAGAAAGGAGAAAAATGCCACAGGCTTTTAAAGGGAAGACTTGGACCCGAGGGAAAGGAAGAAAGTAGCCCCCTGCTTGTCCAACCTGGAAACGGCAGCCCTGGTGTGGGGGCTTGACCAACCACACCACCCATTTAGCTGAGACTTAT</p>
Restriction Sites:	NotI-NotI
ACCN:	AK094588
Insert Size:	1100 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: [AK094588.1](#)

RefSeq Size: 2892 bp

RefSeq ORF: 2892 bp

Locus ID: 252839

Cytogenetics: 1q32.1

Protein Families: Transmembrane

Gene Summary: May be involved in intracellular transport.[UniProtKB/Swiss-Prot Function]