

Product datasheet for **SC114273**

TMEM9 (NM_016456) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM9 (NM_016456) 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)
Fully Sequenced ORF:	>OriGene ORF within SC114273 sequence for NM_016456 edited (data generated by NextGen Sequencing)

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ATGAAGCTCTTATCTTTGGTGGCTGTGGTCGGGTGTTTGTGCTGGCCCCAGCTGAAGCC
AACAAAGAGTTCTGAAGATATCCGGTGCAAATGCATCTGTCCACCTTATAGAAACATCAGT
GGGCACATTTACAACCAGAATGTATCCCAGAAGGACTGCAACTGCCTGCACGTGGTGGAG
CCCATGCCAGTGCCTGGCCATGACGTGGAGGCCTACTGCCTGCTGTGCGAGTGCAGGTAC
GAGGAGCGCAGCACCACCACCATCAAGGTCATCATTGTCATCTACCTGTCCGTGGTGGGT
GCCCTGTTGCTCTACATGGCCTTCCTGATGCTGGTGGACCCTCTGATCCGAAAGCCGGAT
GCATACACTGAGCAACTGCACAATGAGGAGGAGAATGAGGATGCTCGCTCTATGGCAGCA
GCTGCTGCATCCCTCGGGGGACCCGAGCAAACACAGTCTGGAGCGTGTGAAGGTGCC
CAGCAGCGGTGGAAGCTGCAGGTGCAGGAGCAGCGGAAGACAGTCTTCGATCGGCACAAG
ATGCTCAGCTAG
```

Clone variation with respect to NM_016456.3
366 t=>c



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016456 unedited
 TCNAGATTTTGTAAACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGCTTTTGC
 GGCTGCAGCGGGCTTGTAGGTGTCCGGCTTTGCTGGCCAGCAAGCCTGATAAGCATGAA
 GCTCTTATCTTTGGTGGCTGTGGTGGGTGTTTGTGTTGCCCCAGCTGAAGCCAACAA
 GAGTTCTGAAGATATCCGGTGCAAATGCATCTGTCCACCTTATAGAAACATCAGTGGGCA
 CATTACAACCAAGATGTATCCAGAAGGACTGCAACTGCCTGCACGTGGTGGAGCCCAT
 GCCAGTGCCTGGCCATGACGTGGAGGCCCTACTGCCTGCTGTGCGAGTGCAGGTACGAGGA
 GCGCAGCACCAACCACCATCAAGGTCATCATTGTATCTACCTGTCCGTGGTGGGTGCCCT
 GTTGCTCTACATGGCCTTCTGTATGCTGGTGGACCCTCTGATCCGAAAGCCGGATGCATA
 CACTGAGCAACTGCACAATGAGGAGGAGAATGAGGATGCTCGCTCTATGGCAGCAGCTGC
 TGCATCCCTCGGGGGACCCCGAGCAAACACAGTCTGGAGCGTGTGGAAGGTGCCAGCA
 GCGGTGGAAGCTGCAGGTGCAGGAGCAGCGGAAGACAGTCTTCGATCGGCACAAGATGCT
 CAGCTAGATGGGTGGTGTGGTGGGTCAAGGCCCAACACCATGGTGCAGCTTCCAG
 GCTGTACAAAGCAGGNGGCTACTTCTCCCTTCCCTCGTTCAGTCTTCCCTTTAAAGCCT
 GTGGCATTTCCTCCCTCTCCCTAACTTTAGAATGTTGGACTTGCTATTTTGATTAGG
 CAAGAGGGATGCGNCTCTGATCTCTGTTGGCTCCTTGCCTTTCGGGGTTGAAGGATGG
 GGAAGCCCGCCCCAGGAATGGAGACATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016456 unedited
 GCAACTCCAGGGCCAGNATAGCACTGGGGAGGGGTCACAGGGATGCCACCCGGGATCTG
 TTCAGGAAACAGCTATGACCGCGGCCGAATCTAGAGTCGAGNTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTGAGAAAAATAAAACAATTTAATGATGGCTTCCCTTGATTTACAC
 ACAACTTAAGACAAGAGGACAAAAATTTCTTTCCATGCACTGGTACAACGAAGTTCAAG
 GACAAGAGGCAACCAAGTACAGGGGCTGGGGGTTCAAATCCACGCTCAGCCTCGAGTC
 TCATGTTCCAACCGACCTGTGGCTCAATGACTGTGGACTGGGGAGAGGAGGGACTGC
 CCAAACCCTCAAGTGCAGGTGAGGGGACCGGCAGCAAAGTATGCATGGGCACTCCATGN
 NCCAATGCGAAAAGTGCACAGGGGACAGCGAACCAACTTCCAGTGCACCCTGAAAACC
 CAGTGGGCTCAGGGGGCCCAACTTTCCCATCAAACACTGTCTCAAGGCTGGAGCTGGGGC
 TGGGGCTTAGGCCTGGCGCTGGGAGGGAAGTGGTGATAAAAACCCCTGCAAAAAGGAAC
 ACATGCTGAATGCTGGCCATGCTTTTCTCCAGACACTGAATTCCTGGAGACCCAGCT
 TTATTTTCCAAGGGTAACANCATCTCCAAGACTCAAAGCTGGAAGGCGGCAAAAGTGGG
 ACCAGGAAGACAGATCCATATTNNNNAAGGCGCCTCGAAGGCTCCATTCTTTTTGGGCT
 GCCTTTCCCATCCTTTCACCCCNAGACCCAGAAAACACNGAGATCAGAGACCCATCCTTT
 TCCCTAATAAAAAGGCAGTCAACTTTTTTAATTAGGGAAGGAGGAAAATCCCACGCTTTT
 AGGAAACCTGACCAGGAGGGAGATTCCCCCT

Restriction Sites:

NotI-NotI

ACCN:

NM_016456

Insert Size:

1610 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_016456.2](#), [NP_057540.1](#)

RefSeq Size: 1592 bp

RefSeq ORF: 552 bp

Locus ID: 252839

UniProt ID: [Q9P0T7](#)

Cytogenetics: 1q32.1

Protein Families: Transmembrane

Gene Summary: May be involved in intracellular transport.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes isoform (a). Variants 1-7 encode the same isoform.