

Product datasheet for **SC334477**

TMEM9 (NM_001288571) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM9 (NM_001288571) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM9
Synonyms:	DERM4; TMEM9A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001288571, the custom clone sequence may differ by one or more nucleotides

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ATGAAGCTCTTATCTTTGGTGGCTGTGGTCGGGTGTTTGCTGGTGCCCCAGCTGAAGCCAACAAGGTGA  
GGGAGGTGAGCCTGCAGCACCTGGTCACGACCACAGTGCACGGCCACCCTGTCTACAGGGCTGACTCAGA  
GAGTTCTGAAGATATCCGGTGCAAATGCATCTGTCCACCTTATAGAAACATCAGTGGGCACATTTACAAC  
CAGAATGTATCCCAGAAGGACTGCAACTGCCTGCACGTGGTGGAGCCCATGCCAGTGCCTGGCCATGACG  
TGGAGGCCTACTGCCTGCTGTGCGAGTGCAGGTACGAGGAGCGCAGCACCACCACCATCAAGGTCATCAT  
TGTCATCTACCTGTCGGTGGGTGCCCTGTTGCTCTACATGGCCTTCCTGATGCTGGTGGACCCTCTG  
ATCCGAAAGCCGGATGCATATACTGAGCAACTGCACAATGAGGAGGAGAATGAGGATGCTCGCTCTATGG  
CAGCAGCTGCTGCATCCCTCGGGGGACCCGAGCAAACACAGTCCTGGAGCGTGTGGAAGGTGCCAGCA  
GCGGTGGAAGCTGCAGGTGCAGGAGCAGCGGAAGACAGTCTTCGATCGGCACAAGATGCTCAGTAG
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001288571
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).



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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_001288571.1](#), [NP_001275500.1](#)

RefSeq Size: 1683 bp

RefSeq ORF: 627 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 (9) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The encoded isoform (c) is longer, compared to isoform a.