

Product datasheet for **RG236354**

TMEM9 (NM_001288564) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM9 (NM_001288564) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TMEM9
Synonyms: DERM4; TMEM9A
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236354 representing NM_001288564.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGCTCTTATCTTTGGTGGCTGTGGTGGGTGTTTGGTGGTCCCCAGCTGAAGCCAACAAGAGT
TCTGAAGATATCCGGTGCAAATGCATCTGTCCACCTTAGAAACATCAGTGGGCACATTTACAACCAG
AATGTATCCCAGAAGGACTGCAACTGCCTGCACGTGGTGGAGCCCATGCCAGTGCCTGGCCATGACGTG
GAGGCCTACTGCCTGCTGTGCGAGTGCAGGTACGAGGAGCGCAGCACCACCACCAAGGTCATCATT
GTCATCTACCTGTCGGTGGTGGTGGCCCTGTTGCTCTACATGGCCTTCTGATGCTGGTGGACCCTCTG
ATCCGAAAGCCGGATGCATACACTGAGCAACTGCACAATGAGGAGGAGAATGAGGATGCTCGCTCTATG
GCAGCAGCTGCTGCATCCCTCGGGGACCCGAGCAAACACAGTCTGGAGCGTGTGGAAGGTGCCCAG
CAGCGGTGGAAGCTGCAGGTGCAGGAGCAGCGGAAGACAGTCTTCGATCGGCACAAGATGCTCAGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236354
Blue=ORF Red=Cloning site Green=Tag(s)

```
MKLLSLVAVVGCLLVPPAEANKSSEDIRCKCICPPYRNISGHIYNQVNSQKDCNCLHVVPEMPVPGHDV
EAYCLLCECRYEERSTTTIKVIIIVIYLSVVGALLLYMAFLMLVDPLIRKPDAYTEQLHNEEENEDARSM
AAAAASLGGPRANTVLERVEGAQQRWKLQVQEQRKTVFDRHKMLS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_001288564

ORF Size: 549 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001288564.1](#), [NP_001275493.1](#)

RefSeq Size: 1590 bp

RefSeq ORF: 552 bp

Locus ID: 252839

UniProt ID: [Q9P0T7](#)

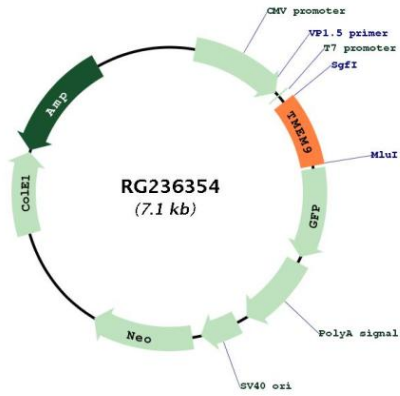
Cytogenetics: 1q32.1

Protein Families: Transmembrane

MW: 20.6 kDa

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

Product images:



Circular map for RG236354