

## Product datasheet for RC236355

### TMEM9 (NM\_001288565) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM9 (NM_001288565) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM9
Synonyms:	DERM4; TMEM9A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC236355 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

RCATGAAGCTCTTATCTTTGGTGGCTGTGGTGGGTTTGTGGTGCCCCAGCTGAAGCCAACAAGAG  
TTCTGAAGATATCCGGTGCAATGCATCTGTCCACCTTATAGAAACATCAGTGGGCACATTTACAACCAG  
AATGTATCCAGAAGGACTGCAACTGCCTGCACGTGGTGGAGCCCATGCCAGTGCCTGGCCATGACGTGG  
AGGCTACTGCCTGCTGTGCGAGTGCAGGTACGAGGAGCGCAGCACCACCACCATCAAGGTCATCATTGT  
CATCTACCTGTCCGTGGTGGTGCCTGTTGCTCTACATGGCCTTCTGTGCTGGTGGACCCTCTGATC  
CGAAAGCCGGATGCATACACTGAGCAACTGCACAATGAGGAGGAGAATGAGGATGCTCGCTCTATGGCAG  
CAGCTGCTGCATCCCTCGGGGACCCCGAGCAAACACAGTCTGGAGCGTGTGGAAGGTGCCAGCAGCG  
GTGGAAGCTGCAGGTGCAGGAGCAGCGAAGACAGTCTTCGATCGGCACAAGATGCTCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC236355 protein sequence Red=Cloning site Green=Tags(s)
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X\*SSYLWWLWSGVCWCPQLKPTRVLKISGANASVHLIETSVGTFTRMYPRRTATACTWWSPCQCLAMTW  
RPTACCASAGTRSAAPPSRSSLSTCPWWVPCSTWPS\*CWWTL\*SESRMHTLSNCTMRRRMRMLALWQ  
QLLHPSGDPEQTQSWSVWKVPSSGGSCRCRSSGRQSSIGTRCS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

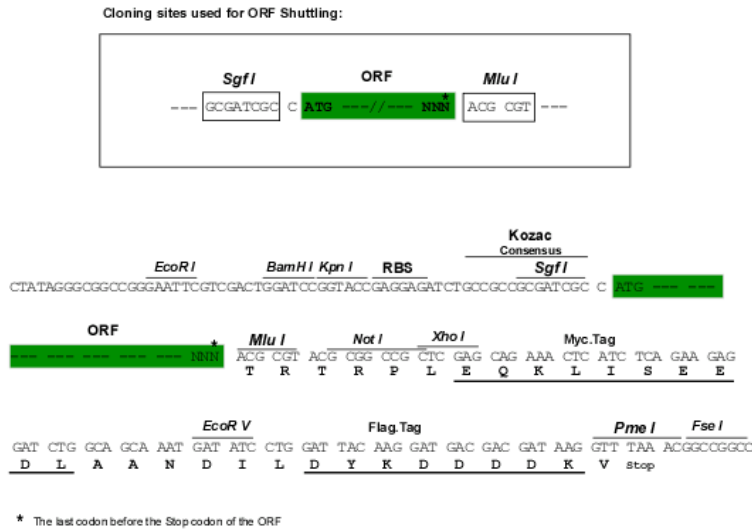
Chromatograms:	<a href="https://cdn.origene.com/chromatograms/mk6081_e03.zip">https://cdn.origene.com/chromatograms/mk6081_e03.zip</a>
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001288565

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).

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\\_001288565.1](#), [NP\\_001275494.1](#)

RefSeq Size: 2093 bp

RefSeq ORF: 552 bp

Locus ID: 252839

UniProt ID: [Q9P0T7](#)

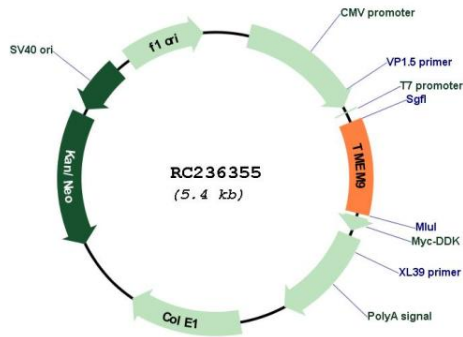
**Cytogenetics:** 1q32.1

**Protein Families:** Transmembrane

**MW:** 20.6 kDa

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

**Product images:**



Circular map for RC236355