

Product datasheet for **RG236639**

TMEM139 (NM_001282876) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM139 (NM_001282876) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TMEM139
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236639 representing NM_001282876.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGCCAATGCACTTACTGGGGAGACTGGAGAAGCCGTTCTCCTCCTGTGCTGCGCCTCCTTCTCA
CTGGGGCTGGCTTTGCTGGGCATAAAGACGGACATCACCCCGTTGCTTATTTCTTTCTCACATTGGGT
GGCTTCTTCTTGTTCCTATCTCCTGGTCCGGTTTCTGGAATGGGGGCTTCGGTCCCAGCTCCAATCA
ATGCAGACTGAGAGCCCAGGGCCCTCAGGCAATGCACGGGACAATGAAGCCTTTGAAGTGCCAGTCTAT
GAAGAGCCGTGGTGGGACTAGAATCCCAGTGCCGCCCCCAAGAGTTGGACCAACCACCCCCCTACAGC
ACTGTTGTGATACCCCCAGCACCTGAGGAGGAACAACCTAGCCATCCAGAGGGGTCCAGGAGAGCCAAA
CTGGAACAGAGGCGAATGGCCTCAGAGGGGTCCATGGCCAGGAAGGAAGCCCTGGAAGAGCTCCAATC
AACCTTCGGCTTCGGGGACCACGGGCTGTGCCACTGCTCCTGATCTGCAGAGCTTGCGGCAGTCCCC
ACATTAGAGCCTCTGACTCCACCCCTGCCTATGATGTCTGCTTTGGTACCCTGATGATGATAGTGT
TTTTATGAGGACAACCTGGGCACCCCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236639
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MVPMHLLGRLEKPLLLLCCASFLGLALLGIKTDITPVAYFFLTLGGFFLFAYLLVRFLEWGLRSQLQS
MQTESPGPSGNARDNEAFVPEVYEEAVVGLLESQCRPQELDQPPPYSTVVIPPAPEEEQPSHPEGSRRAK
LEQRRMASEGSMQEQSPGRAPINLRLRGPRAVSTAPDLQSLAAVPTLEPLTPPAYDVCFGHPDDDSV
FYEDNWAPP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERY
```

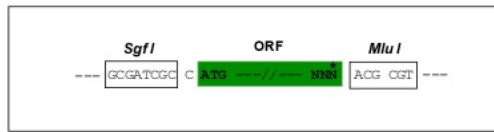


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Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_001282876

ORF Size: 648 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_001282876.2](#)

RefSeq Size: 2400 bp

RefSeq ORF: 651 bp

Locus ID: 135932

UniProt ID: [Q8IV31](#)

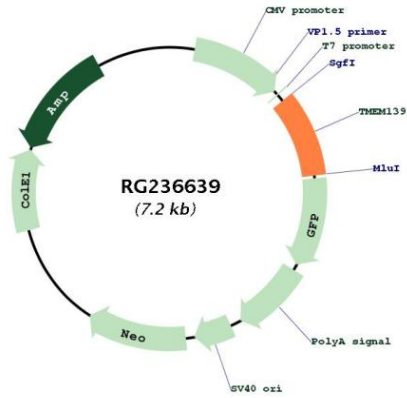
Cytogenetics: 7q34

Protein Families: Transmembrane

MW: 23.7 kDa

Gene Summary: May be involved in cellular trafficking of proteins such as SLC4A1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236639