

Product datasheet for **RG235812**

TMEM273 (NM_001288742) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM273 (NM_001288742) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TMEM273
Synonyms: C10orf128
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235812 representing NM_001288742.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACCTGGGGTCAGCATGCTGAGGATCCTCTTCTCCTGGATGTAGGAGGAGCTCAAGTCTGGCA
ACAGGCAAGACCCCTGGGGCTGAAATTGATTTCAAGTACGCCCTCATCGGGACTGCTGTGGGTGTCGCC
ATATCTGCTGGCTTCTGGCCCTGAAGATCTGCATGATCAGGAGGCACTATTTGACGACTCTTCC
GACCTGAAAAGCACGCCCTGGGGCCTCAGTGGCGAAACCACAATTTCCAAAAGCATCTGGCCAGATC
TGTGCAAATTCACCAACTACAGAAAGTAAAAGTTTCCAAAATATGCCTATTAACCTCGAGGAATGAC
TTCTCTTTTTCATCAAAGTGA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235812
Blue=ORF Red=Cloning site Green=Tag(s)

```
MNLGVSMRLRILFLLDVGGAQVLATGKTPGAEIDFKYALIGTAVGVAISAGFLALKICMIRRHLDSS
DLKSTPGGLSGETTIRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-Mlul



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Cloning Scheme:


ACCN: NM_001288742

ORF Size: 369 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_001288742.3](#)

RefSeq Size: 1879 bp

RefSeq ORF: 372 bp

Locus ID: 170371

Cytogenetics: 10q11.23

Protein Families: Transmembrane

MW: 13.4 kDa

Product images:



Circular map for RG235812