

Product datasheet for **RG235875**

TMEM80 (NM_001276253) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: TMEM80 (NM_001276253) Human Tagged ORF Clone
 Tag: TurboGFP
 Symbol: TMEM80
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >RG235875 representing NM_001276253.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTCCCGAACGTCGGTCTCCACCTCTCCCTTCCGAAAGTGCCCGAGCGGTGCCGGACGACTAAT
CGGGCCTCGGCCGTGGCTCGGACGTCGCCTCCGAAACGCGGCGCGGTCCGGCCCTTCGTCAGGAGAC
GCGAAAATGGCCGAAGGAGCGCGAGCGCGCGGGCCGAGAGGATCCCGGGATCGCGACGGACCGCGGGC
GGGGCGGGTAAGATGGCGGCCCCGCGGCGAGGGAGAGGATCCTCCACAGTGCTCTCTTTCAGTTCCCTT
CAAATGCTGTTTTATCTCAGCGAACGTAACGCCCTGTATTTCTCGCCACCTCTGCCTCACAGGCA
GGCAGGCCCGGTGCAAGAGTGGACTCTGGTTCTAAAGCAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235875
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MLPNVGSPLPFRKCPGAGRTNRSASAVARTSAPETRRGRAPSSGDAKMAEGARARGPRGCRDRDGPAG
GAGKMAAPRRGRSSTVLSSVPLQMLFYLSGTYALYFLATSASQAGRPGARVDSGFLKQ
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001276253

ORF Size: 387 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_001276253.1](#), [NP_001263182.1](#)

RefSeq Size: 816 bp

RefSeq ORF: 171 bp

Locus ID: 283232

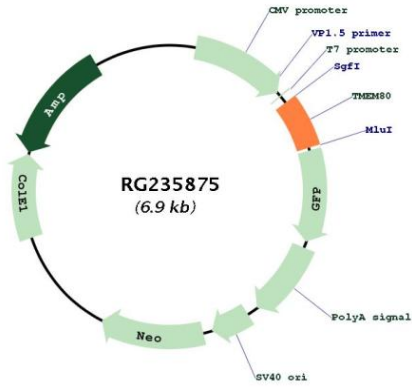
UniProt ID: [Q96HE8](#)

Cytogenetics: 11p15.5

Protein Families: Transmembrane

MW: 13.8 kDa

Product images:



Circular map for RG235875