

Product datasheet for **RG237165**

TMEM80 (NM_001276274) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM80 (NM_001276274) 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:	>RG237165 representing NM_001276274. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTCCCGAACGTCGGTTCTCCACCTCTCCCTTCCGAAAGTGCCCGAGCGGTGCCGGACGGACTAAT
CGGGCCTCGGCCGTGGCTCGGACGTCCGCTCCCGAAACGCGGCGCGGTCCGGGCCCTTCGTGAGGAGAC
GCGAAAATGGCCGAAGGAGCGCGAGCGCGCGGGCCGAGAGGCTGCCGGGATCGCGACGGACCGCGGGC
GGGGCGGGTAAGATGGCGGCCCGCGGCGAGGGAGAGGATCCTCCACAGTGCTCTTTCAGTTCCCTT
CAAATGCTGTTTTATCTCAGCGAACGTAACCTACCGCTGATTTTCTCGCCACGCTCCTGATGATCAGG
TATAAAAGTCAGGTGTTTCAGCTATCCTACCGCTACCTGGTCTCGATCTTGTCTGCTGTTTCTGATG
GGGATTCTAGAAGCAGTTCGGTTATACCTGGGCACCAGGGGCAACCTGACAGAGGCTGAGAGGCCGCTG
GCCGCCAGCCTGGCCCTCAGGCTGGCACCGCCCTCCTCTGCCCACCTCCTGCTTTGGCAGGCCCTA
GTGTTGTGGCGGACTGGGCCCTCAGCGCCACGCTCCTGGCCCTCAGCGCTGGAGGCCGCTCCTGCAG
GTGTTGCCATCGCGCCCTCACCAGTGGCCACGGTGAGCTGCAGGACAGCCCTGAGGACCCACTTCAC
ACACCAGCGCTGAGCGCCTCGGGCCACCTCCCTCACCAGCGCTGCACTCGCAGAAGACCAGCTGGGC
ACACCTGCCATCTGGAGGACCCAGCCACAACCATGCAGACCAGGAAGGACCCCTCCTGAAGCTG
GAGACCTGTTGCCTTCATGGT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



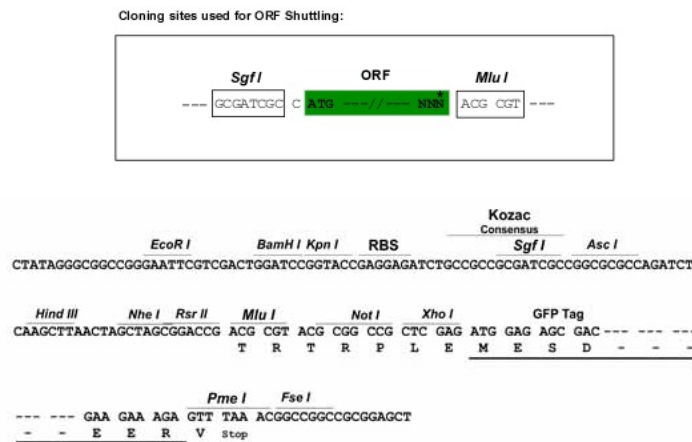
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237165
 Blue=ORF Red=Cloning site Green=Tag(s)

MLPNVGSPLPFRKCPGAGRTNRAVARTSAPETRRGRAPSSGDAKMAEGARARGPRGCRDRDGPAG
 GAGKMAAPRRGRGSSTVLSVPLQMLFYLSGTYALYFLATLLMITYKSQVFSYPHYRLVLDLALLFLM
 GILEAVRLYLGTRGNL TEAERPLAASLAL TAGTALLSAHFLLWQALVLWADWALSATLLALHGLEAVLQ
 VVAIAAF TSGHGELQDSPEDPLHTPAPERL GPPSPAPALAE DQLGTPAIWRTQPTNHADQGRTPSLKL
 ETCLLHG
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPGYPENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001276274

ORF Size: 849 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.

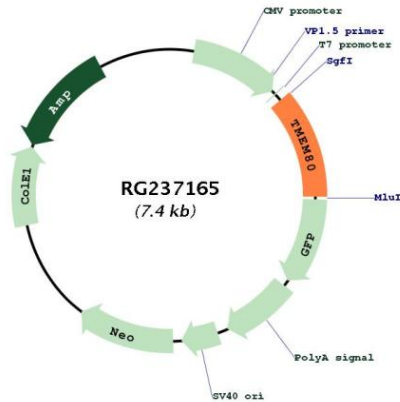
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001276274.1](#), [NP_001263203.1](#)

RefSeq Size: 1252 bp

RefSeq ORF: 633 bp
 Locus ID: 283232
 UniProt ID: [Q96HE8](#)
 Cytogenetics: 11p15.5
 Protein Families: Transmembrane
 MW: 30.5 kDa

Product images:



Circular map for RG237165