

Product datasheet for **RG236779**

TMEM179 (NM_001286389) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM179 (NM_001286389) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TMEM179
Synonyms:	C14orf90; TMEM179A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236779 representing NM_001286389. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCTCAACAATTTCTTTTCGCTCAGTGCCTGCTACTTCTTGGCCTTCTGTTAGCTTCGTG
GTGGTGGTCCCGCTGTCCGAGAACGGCCACGACTCCGCGGCCGCTGCCTGCTCTTACCAGGGCATG
TGGCTGAGCGCAACCTCACGGTGCAGGAGCGGAGCGCTTACGGTGCAGGAGTGGGGCCCGCGCC
GCCTGCCGCTTACGCTGCTCGCCAGCCTCCTGTCTCTGCTGCTGGCCGCGCCAGCCTGGCGCAGC
CTCTTCTTCTGCAAGGGACACGAGGGCTCCTTCTTCTCCGCTTCTGAACCTCCTGGTCAGCGCC
TTCGTGGTCTTCTGGTCTTATTGCCAGCACCATCGTGAGCGTGGGCTTACCATGTGGTGCACACC
ATCACCAGAAAGGCACCGTACCCACAGCTGTGAAGAGCTCCAGGACATCGACTTGGAGCTGGGCGTG
GACAACTCCGCTTCTACGATCAGTTTGAATGCCCAGTTTGGCCTCTGGGCTCATGGCTGGCCTGG
CTGGCCATCACCACGCTGGCCTTCTGAAGGTCTACCACAACACCGTCAGGAGGACCTGCTGGACAGC
CTGATCCACGAGAAGGAGCTGCTGCTGGCCCGCCGTCACCGCACCTCCTTCCAAGAGGAGAAGAGC
GCTGTCATT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



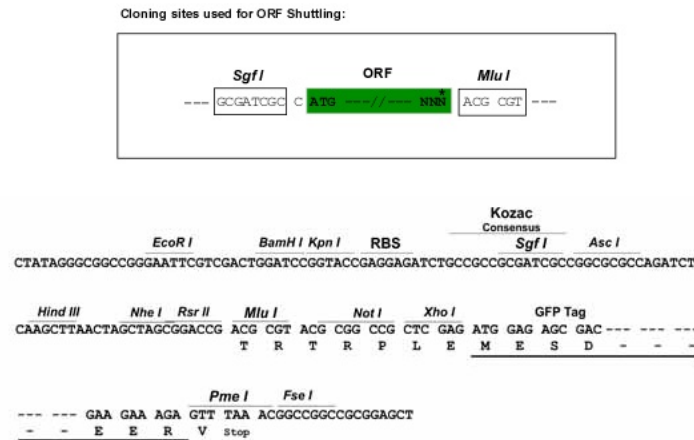
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236779
 Blue=ORF Red=Cloning site Green=Tag(s)

MALNNFLFAQCACYFLAFLFSFVVVPLSENGHDFRGRCLLFTEGMWLSANLTVQERERFTVQEWGPPA
 ACRFSLLASLLSLLAAAHAWRTLFFLCKGHEGSFFSAFLNLLVSFAVFLVFIASITIVSVGFTMWCDT
 ITEKGTVPHSCEELQDIDLELGDNSAFYDQFAIAQFGLWASWLAWLAITTLAFLKVYHNYRQEDLLDS
 LIHEKELLLARSPRTSFQEEKSAVI
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286389

ORF Size: 699 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).

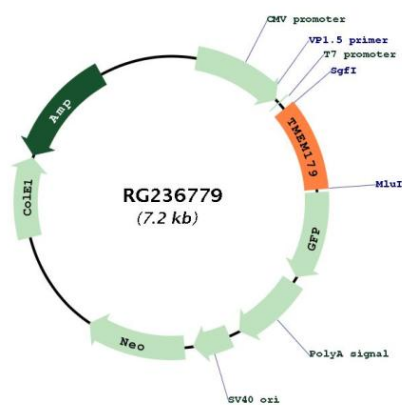
RefSeq: [NM_001286389.2](#)

RefSeq Size: 3336 bp

RefSeq ORF: 702 bp

Locus ID: 388021
UniProt ID: [Q6ZVK1](#)
Cytogenetics: 14q32.33
Protein Families: Transmembrane
MW: 26.8 kDa

Product images:



Circular map for RG236779