

Product datasheet for **RG204610**

TMEM156 (NM_024943) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM156 (NM_024943) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TMEM156
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204610 representing NM_024943 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAAAACAGCCCTCCTTAAATTATTTGTGGCAATAGTGATCACATTCATTTTAATTTTGCCGGAAT
ATTTCAAGACACCGAAAGAAAGAACATTGGAGCTATCATGTCTGGAAGTGTGTTTGCAATCTAATTTTAC
CTATTCACCTCTCCTCCTTAAATTTTCTTTGTGACTTTTCTGCAACCAGTAAGGGAACTCAGATTATC
ATGAGAATCTTTCTAAATCCCTCCAATTTTCGTAACCTCACCAGGACTTGCCAAGACATCACAGGTGAAT
TTAAAATGTGCTCCTCGTGTGTTGTTGTGAGCCTAAAGGAAACATGGATTTTATTTCTCAGGAACAAAC
ATCAAAAGTTCTTATCAGGAGAGGATCAATGGAAGTGAAAGCAAATGATTTTCATTACCTTGTCAGCAC
TTTAACCTCAGGTAGCTCCTCTGGTTGACCACTTGAGGAATATAACACTACCTGTCATCTAAAAAACC
ACACTGGAAGATCAACAATCATGGAGGATGAGCCAAGCAAGGAGAAATCGATAAACTACACTTGTAAGAT
CATGGAATACCCGAATGATTGTATACACATTTCTTTGCACCTGGAGATGGATATAAAAAATACACTTGT
TCCATGAAGATCACTTGGTATATTTAGTTCTATTAGTTTTATTTTTGATCATCCTCACTATCCGCA
AAATACTTGAAGGCCAGAGAAGAGTGCAAAAGTGGCAGAGTCATAGAGACAAACCTACATCTGTTCTCTT
AAGAGGAAGTGATTCGGAGAACTGAGAGCATTGAATGTGCAGGTTCTTTCAGCAGAGACCACGCAGAGG
CTGCCTTTGGATCAAGTCCAGGAAGTGCTTCCCCAATCCAGAACTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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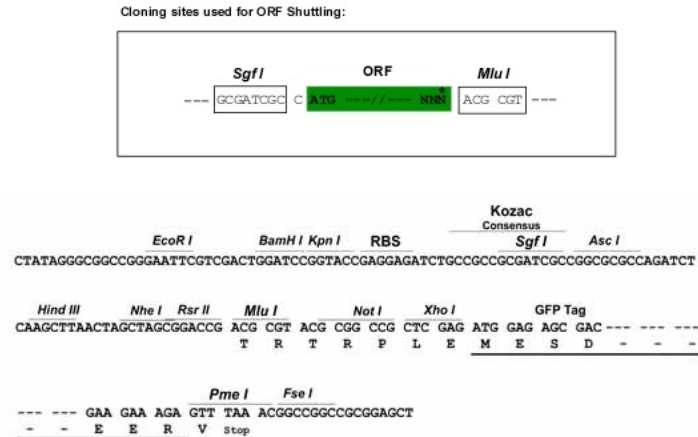
Protein Sequence: >RG204610 representing NM_024943
 Red=Cloning site Green=Tags(s)

MTKTALLKLFVAIVITFILILPEYFKTPKERTLELSCLEVCLQSNFTYSLSSLNFSFVTLQPVRETQII
 MRIFLNP SNFRNFRTRCQDITGEFKMCSSCLVCEPKGNMDFISQEQTSKVLIRRGSM EVKANDFHSPCQH
 FNFSVAPLV D HLE EYNTTCHLKNHTGRSTIMEDEPSKEKSINYTCRIMEYPNDCIHISLHLEMDIKNITC
 SMKITWYILVLLVFIFLIILTIRKILEGQRRVQKWQSHRDKPTSVLLRGSDSEKLRLNVQVLSAETTQR
 LPLDQVQEVLPPIPEL

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024943

ORF Size: 888 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_024943.1](#), [NP_079219.1](#)

RefSeq Size: 1880 bp

RefSeq ORF: 891 bp

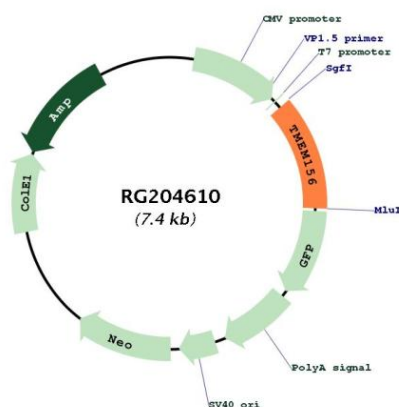
Locus ID: 80008

UniProt ID: [Q8N614](#)

Cytogenetics: 4p14

Protein Families: Transmembrane

Product images:



Circular map for RG204610