

Product datasheet for **RG214523**

TMEM99 (NM_145274) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM99 (NM_145274) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TMEM99
Synonyms:	MGC21518
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG214523 representing NM_145274 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTGGCATCCTCCCACTCTGTTGCTCCGGCTGTGTCCCTCGCTCTGTTGTTCCAGCTATGTGCCCT
CTGTTGCTCCAAGTGCAGCTCATTCTGTTAGAGTTCCTCATTGAGCTGGTCACTGTGCCAGAGGGTGT
GGCCTGCTCCCTCCTCAAGTATTCTTAAAGCCATGGATTTTGTGGAGCATTTTCTTCTGGCTCTCC
CTTGAGTTATTTCTTTCTTCGCTATCTTGGACTCTTCTTTGTGCTTGGGTCATCGGTTGAGAGAAG
GACTTCTTCTTCTGCTCCTTGGTGTGGCTCGTGGTGTCTTCAACAAGTGGACTGGAGGCTCTTG
GTTTTCTTTCATCTTCAACAAGTCAAGTCTCTCAAGGGTCTCACGTTGAGCATTCTTACCAGAGGCC
ATTGGGCTGGAGTTCAGTTCAGTGTCTGGAGAGTCCACCTCAGCTCAGCAATCTCATGCCGGTTGGC
AATTGTCAGCAGAAGCCGATGCCTGCCATCAGTCTTTACTCTGAGGTGTAGAGTGGAAATAAAAATAT
AAATACTATACTAGTTTTTCATGACTTCTGCTTAATATTGGGTATTTTTTGTGTTGTTTGGCG
GTGATAGGCTTACCTTACATTAACCAGGCCTTAGCCTTCTGTGGCTTGTATGGCAAAGCCTCATAT
TACTCTAGTCTGGTTCAGCAGGACAGTCAGGTCCACACCTGGGGCTGTTGTTTTCTACGTTTACCTC
AACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG214523 representing NM_145274
 Red=Cloning site Green=Tags(s)

MVGILPLCCSGCVPSLCCSSYVPSVAPTAHNSVRVPHSAGHCGQRVLACSLPQVFLKPWIFVEHFSSWLS
 LELFSFLRYLGTLLCACGHRLREGLLLPCLLGVGSWLLFNNWTGGSWFSLHLQQVSLSQGSHVA AFLPEA
 IGPGVVPVSGESTSAQQSHAGWQLSAEADACPSVLYSEVLEWKNKINTYTSFHDFCLILGIFLFCFVLA
 VIGLPYIKPGLSLSVALLWQSLILLSSLVQQDSQVHTWGCLFSTFTST

TRTRPLE - GFP Tag - V

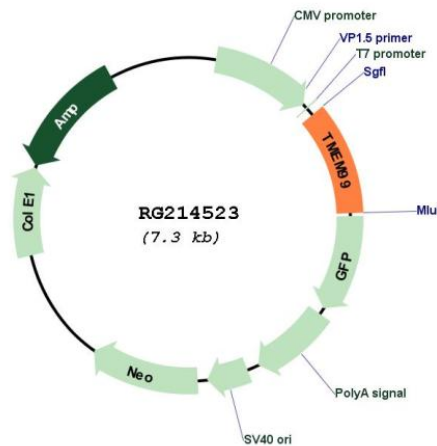
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_145274

ORF Size: 774 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:	<ol style="list-style-type: none">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_145274.3 , NP_660317.2
RefSeq Size:	2065 bp
RefSeq ORF:	777 bp
Locus ID:	147184
Cytogenetics:	17q21.2
Protein Families:	Secreted Protein, Transmembrane