

Product datasheet for RC214523

TMEM99 (NM_145274) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | TMEM99 (NM_145274) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | TMEM99 |
| Synonyms: | MGC21518 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RC214523 representing NM_145274 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGTTGGCATCCTCCCACTCTGTTGCTCCGGCTGTGTCCCTCGCTCTGTTGTTCCAGCTATGTGCCCT
CTGTTGCTCCAAGTGCAGCTCATTCTGTTAGAGTTCCTCATTGAGCTGGTCACTGTGCCAGAGGGTGT
GGCCTGCTCCCTCCTCAAGTATTCTTAAAGCCATGGATTTTGTGGAGCATTTTCTTCTGGCTCTCC
CTTGAGTTATTTTCTTTCTTCGCTATCTTGGACTCTTCTTTGTGCTTGGGTCATCGGTTGAGAGAAG
GACTTCTTCTTCTGCTCCTTGGTGTGGCTCGTGGTGTCTTCAACAAGTGGACTGGAGGCTCTTG
GTTTTCTTTCATCTTCAACAAGTCAAGTCTCTCAAGGGTCTCAGGTTGAGCATTCTTACCAGAGGCC
ATTGGGCTGGAGTTCAGTTCAGTGTCTGGAGAGTCCACCTCAGCTCAGCAATCTCATGCCGGTTGGC
AATTGTCAGCAGAAGCCGATGCCTGCCATCAGTCTTTACTCTGAGGTGTTAGAGTGGAATAAAAAAT
AAATACTATACTAGTTTTTCATGACTTCTGCTTAATATTGGGTATTTTTTGTGTTGTTTGGCG
GTGATAGGCTTACCTTACATTAACCAGGCCTTAGCCTTCTGTGGCTTGTATGGCAAAGCCTCATAT
TACTCTAGTCTGGTTCAGCAGGACAGTCAGTCCACACCTGGGGCTGTTGTTTTCTACGTTTACCTC
AACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC214523 representing NM_145274
Red=Cloning site Green=Tags(s)

MVGILPLCCSGCVPSLCCSSYVPSVAPTAHHSVRVPHSAGHCGQRVLACSLPQVFLKPWIFVEHFSSWLS
 LELFSLRYLGTLLCACGHRLREGLLLPCLLVGGSWLLFNNWTGGSWFLHLQQVLSQGGSHVA AFLPEA
 IGPGVVPVSGESTSAQQSHAGWQLSAEADACPSVLYSEVLEWKNKINTYTSFHFDFCLILGIFLFCFVLA
 VIGLPYIKPGLSLVALLWQSLILLSSLVQQDSQVHTWGCLFSTFTST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8012_d06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



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:

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

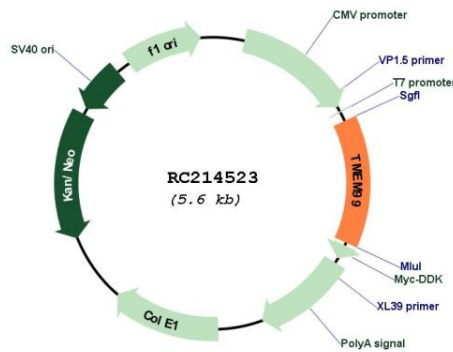
Locus ID: 147184

Cytogenetics: 17q21.2

Protein Families: Secreted Protein, Transmembrane

MW: 27.8 kDa

Product images:



Circular map for RC214523