

Product datasheet for RC217797

TMEM179 (NM_207379) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM179 (NM_207379) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM179
Synonyms: C14orf90; TMEM179A
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC217797 representing NM_207379
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGCTCAACAATTTCTTTTCGCTCAGTGCCTGCTACTTCTTGGCCTTCTGTTTCAGCTTCGTGG
 TGGTGGTCCCCTGTCCGAGAACGGCCACGACTCCGCGCCGCTGCCTGCTTTCACCGAGGGCATGTG
 GCTGAGCGCCACCTCACGGTGCAGGAGCGGAGCGCTTACGGTGCAGGAGTGGGGCCCGCCGCCGCC
 TGCCGCTTCAAGCCTGCTCGCCAGCCTCCTGTCTGCTGCTGGCCGCCGCGACGCTGGCGCACGCTCT
 TCTTCTATGCAAGGGACACGAGGGCTCCTTCTTCCGCTTCTGAACCTCCTGGTCAGCGCCTTCGT
 GGTCTTCTGGTCTTATTGCCAGCACCATCGTAGCGTGGGCTTACCATGTGGTGGCAGACCATCACC
 GAGAAGGGCACCGTACCCACAGCTGTGAAGAGCTCCAGGACATCGACTTGGAGCTGGGCGTGGACAACT
 CCGCCTTCTACGATCAGTTTGCAATTGCCAGGTAGGGGGCTCTGGGCAAGAAGGGAGGCTTGAATGCT
 GGGAGGGGGCCATTTACTGCTGGACATTTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC217797 representing NM_207379
 Red=Cloning site Green=Tags(s)

MALNNFLFAQCACYFLAFLFSFVVVPLSENGHDFRGRCLLFTEGMWLSANLTVQERERFTVQEWGPPAA
 CRFSLLASLLSLLAAAHAWRTLFFLCKGHEGSFFSAFLNLLVSAFVFLVFIASITVSVGFMTWCDTIT
 EKGTVPHSCEELQDIDLELGDNSAFYDQFAIAQVGGSGQEGRLAMLGGHLLLDIC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

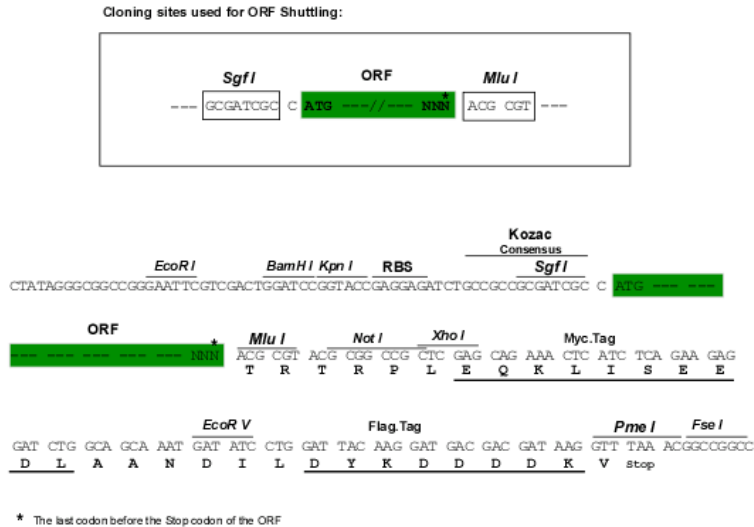


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Chromatograms: https://cdn.origene.com/chromatograms/mk8014_c03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_207379

ORF Size: 591 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_207379.1](#), [NP_997262.1](#)

RefSeq Size: 1623 bp

RefSeq ORF: 593 bp

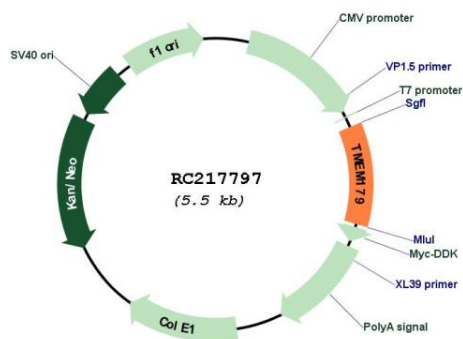
Locus ID: 388021

Cytogenetics: 14q32.33

Protein Families: Transmembrane

MW: 21.5 kDa

Product images:



Circular map for RC217797