

## Product datasheet for RR211718

### Tmem179 (NM\_001126280) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tmem179 (NM\_001126280) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Tmem179  
 Synonyms: RGD1310269  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR211718 representing NM\_001126280  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCGCTCAACAATTCCTCTTCGCGCAGTGCCTGCTACTTTTTGGCCTTCTTGTTTCAGCTTCGTGG  
 TGGTGGTGCCATTGTCCGAGAATGGCCACGACTTCGTGGTCGCTGCCTACTCTTTACCGAGGGTATGTG  
 GCTGAGTGCCAACTGACGATGCAGGGGCGGGAGCGCTTACGGTGCAGGAGTGGGGCCACCGGCTGCC  
 TGCCGCTTCAGCCTGCTCGCCAGCCTCCTGTCACTGCTGCTGGCCGCTGCGCACGATGGCGCACACTCT  
 TCTTCTCTGCAAGGGACACGAGGGCTCCTTCTTCTACGCCTTCTGAACCTCCTGGTCAGTGCCTTTGT  
 GGTCTTCTAGTCTTCATTGCCAGCACCATCGTGAGTGTGGGCTTCACTATGTGGTGTGACACCATCACT  
 GAGAAGGGCTCTGCACCTCACAGCTGCGAGGAGTTCAGGAAACGGACTTGGAGCTGAACGTGGACAAC  
 CTGCCTTCTACCATCAGTTTGAATTGCCAGTTTGGACTGCGGGCTCCTGGCTGGCTGGCTGGCGAT  
 CACCACTCTGGCTTCTGAAGTTTATCACACTACCGCCAGGAGGACCTGTTGGACAGCCTGGTTCAC  
 GAGAAGGAGCTTCTGTTGGCCAGACCAGCCTCCCGCACCTCCTTCCAGGGGGAGAAGAGTGTGTATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR211718 representing NM\_001126280  
Red=Cloning site Green=Tags(s)

MALNNFLFAQVCYFLAFLFSFVVVPLSENGHDFRGRCLLFTEGMWLSANLTMQGRERFTVQEWGPPAA  
 CRFSLLASLLSLLAAAHAWRTLFFLCKGHEGSFFYAFLLNLLVSAFVVFLVFIASITIVSVGFMTMCDTIT  
 EKGSAPHSCEEQETDLELNVDNSAFYHQFAIAQFGLRASWLAWLAITTLAFLKVVYHNYRQEDLLDSL VH  
 EKELLARPASRTSFQGEKSAVI

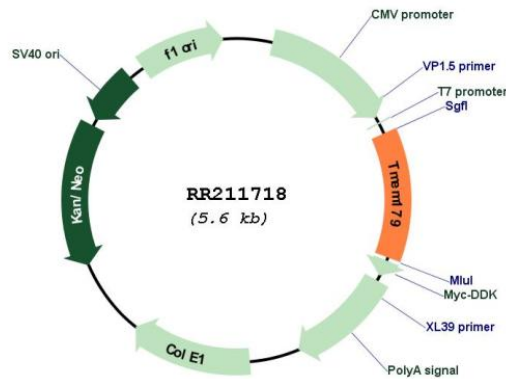
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001126280

**ORF Size:** 699 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001126280.1</a> , <a href="#">NP_001119752.1</a>
<b>RefSeq Size:</b>	2422 bp
<b>RefSeq ORF:</b>	702 bp
<b>Locus ID:</b>	314472
<b>Cytogenetics:</b>	6q32
<b>MW:</b>	26.4 kDa