

Product datasheet for **RN205167**

Tmem181 (NM_001130939) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem181 (NM_001130939) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem181
Synonyms:	RGD1566403
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205167 representing NM_001130939
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACCACTGGCACCCATGCGGCTCTACACGCTCTCCAAGCGCCACTTTGTCCTCGTGTTTGTTGTCT
 TCTTCATCTGTTTTGGGCTGACCGTCTTCGTTGGCATCGAGGGACCCAGAGTGATCCAGACTTCGGCTGC
 TAATTTTTCACTGAATAATAGCAAAAAGCTAAAACCAAGTTCAAATCCGTTCAAACCCACTGTCCACATAT
 AACCCAGCAGTATGGCTGACGTGCGTTGTGGAAGTGGAGCCCTCAGAAGAAACATCTATTCAAACCCAGT
 TTCCCATGACTGTGAAAGTCGATGGTGTCTCAAGATGCAACCACAATGTACATCCATAACAAAGTTCA
 CAATCGGACGAGGACCCACATGTGCAGGAAATGCGCAGAAATCATTGTGGCCACCTTGCTACCTG
 AATTACACGCAGTACAGAGTACTGTGGGATTTGAGCACCTGAACCAGCCATCAAGGAGATGAACCTTCA
 CATGGAAGACATAACAACCTGCGTTTTCCAGCTGGAGATCTGGTCCGCTTCGTGTTGTGGTGTCTCAC
 CTTTCATCGTCATCTGCTGTTTGTGCATCCCTGCGCAAGTTCCTATGAGGGACTGGGGCATCGAGCAG
 AAGTGGATGTCTGCTCCTGCTACTGCTGCTGCTTACAATGACCCCTTCTCCCACTCTCCTTCCCTGG
 TGAACAGCTGGTCCCAGGGATGCTGGACGACTTCTTCCAGTCTCTGTTCTGTGTGCCCTGCTGCTCTT
 CTGGCTCTGCGTGATCATGGGATACGGGTCCAGGGAGAAAGAAAATGTTAACTTTCTATTTGCCTAAA
 TTCTTCATCGTTGGACTGCTGTGGCTGGCTTCTGTTACGCTGGGAATATGGCAAACATTTAATGAATTA
 ATGACCCCATGTACCAGTATCGGGTTGACACCGGAAACTTTCAGGGCATGAAGGTCTTCTTCATGGTGGT
 GGCTGTGTATACATTTTATACCTACTATTCTTGATAGTGCAGGATGCTCCGAGCTCCGTCATATGCTT
 TACGTGGATCTTAGGTTAAAGTTTTGACTGCGTTGACCTTTGTAGTCTGTTATTAGCATCGTCATCC
 TCTACCTAAGGTTTGGAGCACAAGTGTACAGGACAACCTCGTAGCAGAAGTGTCCGCTCACTACAGAA
 CTCAGCTGAATTCCTGTCTTTCTATGGCCTGTTGAACCTTTACCTCTACAGCTGGCCTTTGTGTACTCT
 CCATCAAAGAATGCTCTGTATGAGTCCCAGCTGAAAGACAATCCTGCATTTTCCATGCTCAACGACTCTG
 ATGATGATGTGATTTACGGGAGTACTATGAAGAAATGCCCTGCAGAATGGCCAGGCCATCCGAGCCAA
 GTGCAGGGAAGAGTCGGACAGTGA**TGA**

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001130939

Insert Size: 1428 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001130939.1](#), [NP_001124411.1](#)
RefSeq Size: 1888 bp
RefSeq ORF: 1428 bp
Locus ID: 502228
Cytogenetics: 1q11