

Product datasheet for **RN217026**

Tmem200c (NM_001251926) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem200c (NM_001251926) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem200c
Synonyms:	RGD1561734
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217026 representing NM_001251926
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCGCCACTGGTGGCCTACTGAGGATATCCGCGAGAAAGCAGGATCCTCTCCGGCCCCCTAGCCAAG
TCCCTAAGCGCAAGAGGAAAGCCAAGAAGAGGCGTAAAAACGACGTGGTAGTGGTAAAGGCAAGCTGAA
GCTGTGCTCCATTTGCGGGCTCATTGCCCTTTGCGGGATCCTAGTGTGTTGGTGGGCATAGCCATGGCT
GTGGTGGGCTACTGGCCAAAAGCCAACGCAGCCAACAGAGGTGGGAGCAAGCAGTTCTGCCTGTGGGCA
GTATCCATCGCACTGGGCGGGCCAGCAACAGCAGCAGTGGCAACAAAAACCCAGCCAAGAACCCTCTGG
GACCCAGGGGGTGTAACTCCAGTTCTGTGGGCGGGCCAGGAGTTTCGCCTCTGCAAGAACTGCTGCC
ACCTCCTCCTCTTCTTCTTCTTCTCCTCCTCCTCCACGTCTGTGGGCTTCTTCTTCCGAATCTTCT
CAGGCTACTTGCCTCAGACAAGCTAAAGGTCTTTGGACCCCTCATCATGGGTATAGGCATCTTCTCTT
CATTTGCGCAACGCGGTGCTCCATGAGAACAGGGACAAGAAGACCAAGATCATCAACTGCGGGACCTC
TATTCCTACTGTATCGACTGCACGCTCCGCGCCAAAGATCTGGCAGCAGTGCTGCTGCGGCCGCG
CGCGGCGAGCTTCTCTCTGTGCTGCTGCCCGGGTTCCGCTCCCCGGGCGAGCCCGCTCAATGGCTT
TCTTAACACTGTCGAATCCCGAGGCGCTGGAGCTGAAGCCAGGACGCTGCGCGGCTCTGCGGACGCTTC
GGGGCTGCTGCAATGCTGGCCAGGGGCTCATGGCCCCACCCCGCTGGAAGTGGGCGGAGGTGGCAGTGGGA
CTCGGGAGGCGAGGTGCGCGCCGACTTGGCTTCATCTCCGCGCTGTCCGCGGAGCCCCGAGTCTGAC
CGAGGCGGTGTATAGCATATACCGCGAGCGCTCCAGTGGGGTGGCCGTGCGCGGACACAGTTGCGGCG
GTGGCTGCGGCTACTGCCACTGTACCGCGGCTGCCAGCGGCGGCAGCAGCCGGCGCCCTGCAGCCAA
CCGGTAGTTGGGGGCGCCAGAGCACCGCCAGTCCCTCGTGGGCTCCTCGCTGAGCGCTTCGCCCTGTT
GCCCTTGATGGGGACCGGACAGAGACAGGGACTCGGAAGGCGCAAGCTGCAGCTGGCACAGGCCTCCC
GGGGAACGCGGCTCCCGGATCTCCCCAGGGGAGAACTGGAACCTAAGCCTGACGGACCTCCGGGAGCCG
AGGGCGGCGCGGCTGGGCGTCCGGGGAGCCGGAGGAGCCAGAGGGCGGGACGACAGCATGCACCGCCAG
GGGGCAGGGCCGCCCTTGCCAGGACCGGCAGGTACGCGGCTGGCGGCGCCGACGACCAAGTGGACTC
CCGGAGTACCGAGCGCCACCGTCGCCCCGAGCCCCACCTTCCGGGTTTCGACGCGGACCTAGACTCTGGCC
CCCCTGGTACAGTCGCCACGCCCTCGTCCCTCTGCGCCCTGAGGACTCGCCCGGCGTCCGGCGGGATT
CCATAGTTCTCAGTCGGATGACCAGTCCAGCAGCAATAAGGGCTACACCCCTGAGGGAGGCTGACACC
TCTGTGGAGTCAGTGGTGGATGTAGTGCCAGGAAAAGGCTAGACTGTGAGGCGGCCACAGATCCAGTA
CTGAGCAGAGTCCCTTGAGGGTCCAGTCCAGAGCAACTAGGGTAGAGCTTCACTAGGGCAGAGGCA
GTTTACAAACAAGGAGAACTCTTCTGATTTCAGGTCTCACACCCAGGAGTAGAAGACCCTGAATTG
GAAACTCTTCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM 001251926

Insert Size: 1908 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001251926.1, NP_001238855.1</u>
RefSeq Size:	3064 bp
RefSeq ORF:	1908 bp
Locus ID:	501201
Cytogenetics:	9q38