

Product datasheet for **RN216788**

Tmem104 (NM_001191655) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem104 (NM_001191655) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem104
Synonyms:	RGD1307953
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216788 representing NM_001191655
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGCAGATCACAGAGACGGGGAGCTCTATTCTCCTTATGTCGGGCTGGTGTACATGTTTAAAC
 TCATTGTGGGCACAGGCGCACTACCATGCCCAAGGCCTTTGCCACTGCCGGGTGGCTGGTCAGCCTCAT
 CCTGCTGGTATTTCGTAGGCTTCATGAGCTTTGTGACGACCACCTTTGCGATGGAGCCATGGCCGCAGCC
 AACGCCAGCTCCGCTGGAAGAGGATGGAGATCCACAAGGAAGAGGATGACGAAGACTCCTCCACAGCCT
 CAGACAGTGACCTCCTCAGCCAAGACAACACGAGAGGGCAGAGAAACGCCCATCCTGTCTGTGCAGAG
 ACGCTCATCAGCCAGCCTGTTTAAATCACAGAGCGGGTGGAAATGGACAGATGGCTTCCATGTTCTTC
 AATAAAGTGGGGTCAACCTGTTCTATTCTGCATCATTACTTACCTGTACGGAGACCTCGCCATCTACG
 CGGCAGCTGTGCCGTGTCCCTCATGCAGGTGACCTGCAGTGTCTCTGAAATGACTCCTCGGGCGTGA
 TACAGACGCCAAATACAACGACTGACCTGTGCTGGGGCCCCGCGCCGGGTGGATGTCTACCGATT
 TATCTGGCCATCTTACCGTCTCCTTGGTCCGTTACCTTCTTTGATGTCCAGAAGACCAAGTACCTGC
 AGATCCTGACCTCCCTGATGAGATGGATCGCCTTCGCCATCATGATCGTCTGGCCCTCGTGCGCATCGG
 GAAAGGACAAGGAGAGGGGCACCCGCCCTCGCCAACTTCTTGGGCGTCCAGAACCTGTTCCGGGTGTGT
 GTCTACTCTTTCATGTGCCAGCACTCCCTGCCATCCCTCATACCCCCATCTCCTCCAAGCGCCACATCA
 CGCGGCTGCTGTTCTGGACTACGATTGATCCTGGCCTTCTACGGACTCCTCTCCTTACGGCCATCTT
 CTGCTTCCGTGGCGACAGCCTCATGGACATGTACACCTCAACTTTGCCAGGTGTGACGTGTGGCCTG
 GCAGCTGTCCGGTCTTCTGGCCCTTCCCGTGTTCACCATCAGACCAACTTCCCATCATCGCGG
 TGACCTGCGCAACAACGGAAACACTTCCACCGTGAAGGTGGCACCTACCCATGGGTGGTAGACCC
 CGTGGTGTTCGCCACAATCACCTGGTGGCCCACTTCTGGTGGCCTTCTGCACACATGACCTGGAGTCC
 CTGGTGGCCATTACAGGAGCCTACGCGGCACTGGCATCCAGTATGTCATCCCCGCTTCTGTTGTTCC
 TCTGCCGCAAGGACACCCAGCTGACTTTTCGGCTCCGGAACCATCAACAAGCATAGGTCCCGTTCGGCCA
 CACCTTCTGGGTGGCCTTTGTGCTGCTATGGGCTTCTCCTGCTTCTTTGTACAGCCTACATCGTC
 CTAAGGAGACCCAGCT**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191655
- Insert Size:** 1491 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: [NM_001191655.1](#), [NP_001178584.1](#)

RefSeq Size: 1976 bp

RefSeq ORF: 1491 bp

Locus ID: 303670

Cytogenetics: 10q32.1