

Product datasheet for **RN205994**

Tmem259 (NM_001100886) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem259 (NM_001100886) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem259
Synonyms:	Mbrl; RGD1311136
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205994 representing NM_001100886
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGAGCACGCGCAGCCCCAGGGCCCGGGCCAACGGCGGGGGTGGCGCGCGGCCCGTGC
 GCGGCCGCGCGGCCCAATCTCAACCCCAACCCGCTCATCAAGTGCGCGACCGCTCTCCACGCGCT
 CTTCTTCAAGATGGCCGTCACCTACTCACGCTCTTCCACCTGCTTCCGCGCCTCTTTGAGTTCTTC
 GTTCTGCTCAAGGCCCTGTTTGTGCTTTTCGTCCTCGCCTACATACACATCGTCTTCTCCGGTCCCCA
 TCAACTGCTTGGAGCATGTTGAGACCGATGGCCACGGGAGGGTGTCTGCGGGTGGAGGTGCGCCAA
 CTCCAGCCGGGACCGGTGATCCTGCAGTTCTGTGATGGGGCCCTCGTGGCCTAGACCTGGAGCCCGG
 GGCCTGGAGCTGGAGGAGGAGGAGCTTCCGTGGAGATGTTACCAACAGCTCCATCAAGTTGAGCTGG
 ACATTGAGCCCAAGGTGTTCAAGCCACCAGGGGCGCCGATGCCCTGAATGACAGCCAGGACTTCCCTTT
 CCCAGAGACACCAGCCAAAGCGTGGCCACAGGATGAGTACATTGTGGAGTACTCGCTGGAATATGGCTT
 CTGCGACTGTGCAAGCCACGCGCCAGCGCCTGAGCATCCCTGTATGGTAGTACCCCTAGACCCACGC
 GGGAGCAGTGCTTCGGGACCGCTTCAGCCGCCTGCTGCTGGACGAGTTCCTGGGCTACGACGACGCTCT
 CATGTCTAGTGTGAAGGGCTGGCAGAGAATGAGGAGAACAAGGCTTCTTGAGGAATGTGGTCTCTGGG
 GAGCACTACCGCTTTGTGAGCATGTGGATGGCACGCACATCCTACCTGGCAGCCTTTGTCATCATGGTCA
 TCTTTACCCTCAGTGTGCCATGCTGTTGCGTACTCGCACACCAGATCTTCGTCTTCATCGTGGACCT
 GCTGCAGATGCTGGAGATGAACATGGCCATCGCCTTCCCGCAGCGCCCTTGTGACCGTATCCTGGCT
 CTCGTGGGATGGAGCCATCATGTCTGAGTCTTCAACGACACCACCAGCCCTTCTACATCATCCTCA
 TCGTGTGGCTGGCCGACCAGTACGATGCCATCTGCTGCCACCCAACACCAGCAAGCGACTGGCTGAG
 GTTCTTCTACCTTACCACTTCGCTTCTACGCTACCACTACCGCTTTAACGGCCAGTACAGCAGCTTG
 GCCCTGGTACGTCCTGGCTTTCATCCAGCATTCCATGATCTACTTCTTCCACCACTATGAGTTGCCCC
 CCATCTGCGAGCAGATCCGAATCCAGGAGATGCTGTTGCAGACACCCCGCTGGGCCCTGGGACCCAC
 GGCGCTGCCTGACGACCTCAACAATAACTCTGGCTCCCCTGCCACCCAGATCCCAGTCTCCCCCGCG
 CTGGGCCCCAGCTCCAGCCCCGCGCCACTGGCGGAGCATCTGGGCTGGCTCACTGGGCGCTGGGGCT
 CAGTATCTGGCAGTGACCTAGGTTGGGTGGCCGAGACCGCCCATCATCTCGGACGCGTCTTCTCTGTC
 GGGGCTGAGCGCCTCACTGCTGGAGCGGCGCCAGCAGCCCCAGTGCCCGGACAGCGCAGCAGCTGAC
 CCTGGGCTCTCTGGAGACGCACCTGCCCTGCCGGTCT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001100886

Insert Size: 1725 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_001100886.1, NP_001094356.1

RefSeq Size: 2100 bp

RefSeq ORF: 1725 bp

Locus ID: 299608

Cytogenetics: 7q11