

Product datasheet for **RN209584**

Tmem209 (NM_001014055) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem209 (NM_001014055) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem209
Synonyms:	RGD1309682
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209584 representing NM_001014055
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGCAAGGAGAAGTAAGCCCCAGTCCCTCCCTTATTGATAGAACCATCAGGATGAGAAAGGAAACAG
AATCTAGGAAAGTGGTTTTAGCCTGGGGACTTCTAAATGTATCCATGGCTGGAATGATATACTGAAAT
GACTGGAAAGTTAATTAGTACATATTATAATGTGACATACTGGCCCTCTGGTATATTGAACTCGCCCTC
GCCTCACTCTTCAGTCTTAATGCCTTGTGGATTTTGGAGATACTTCAAATATACTGTAGCACCTACAA
GTCTGGTAGTTAGCCCTGGACAGCAAACCTTGTAGGGCTGAAACCAGCTGTGGTGCAGACCACACCTCC
CCGTGATTTGGCGGCCACCCAAATCTCTCCGTCCTCCCTCCCTTCGATTCAAGGTGAGAGTGTGTTG
AGTTATAGCCCATCGCGCTCGCCAGTACCAGTCCCAAGTTGCCACCAGCTGCATGACTGGGTATAGTC
CTCAACTGCAAGGCTGTCGTGAGGAGCCTGGCTCGTACAGCCCTGCTGTGACTTACTCGCTGTCAG
TGGCTATAGTAAGTTGGCGAGCTTTAGTCTGTCTCCTTCTCTCCCTACCCTACCACCGTGGGCCCTGTG
GAGAGCAGTGGATTGAGAGCTCGTACCCTTCCACCCACGGCTATAACTCACCCACCGACAAGGAGG
ACTACATGACAGACCTGAGAACCTTTGGACACGTTCCCTAGAAGTGAGGAAGAGAAACAGCATAGAGTGAA
GCTGGGGAGCCAGACTTACCTCTCCATCTACCAGCCCTACCTTCTGGAATTACAGTCGTTCTGTGGGG
GACTATGCACAAACCTTAAAGAAGTTTCAGTATCAGCTTGCCGTGTAGATCTCAGGCCCATGTGCTAACA
AAGATGAAGCCGATCTCATTCTAAGCAAGCTGCCGAAGAGGTTTGGCAAGAGTGACTATGAATAGACA
GCTTCTTGATCACATGGATTTCATGGACAGCCAAATTTAGAAATGGATCAGTGAGACAATATTAGTGCCA
CTTGTGCAAGAGATTGAGTCTGTCAGCACCCAGATGAGACGGATGGGCTGTCCAGAGCTACAATAGGAG
AGGCGAGTGTACCAGCTTGAACAAGCTGCCCTGGTCAAAGCTCCTCTCATCCCAACTCTGAATGCAAT
TGTGCAAGTATTTAGACCTAACACCAATCAGGAGTACTTGTGGAAAGAATCAAAGAACCTTCTCAGGGA
GGCTGTATGAGCTCATTCCGATGGAACCGAGGTGGAGACTTCAAAGGACGCCGCTGGGACACAGACCTGC
CCTGACTCTGTATCATCATGCATGTGTTTTGCACCTACCTTGATTCCAGATTACCTCCACACCTTAA
GTACCCTGACGGTAAAACATTCCTTCTCAGCACTTTGTTTCAGACACCAATAAACCCAGATGTTACGAAT
GAAAATGTGTTCTGTGTTTATCAGAGTGTATCAACCCTCCACACTATGAGCTAATCTATCAGCGGCACG
TCTACAGTCTTCAAAGGGCAGAAATAACATGTTTCATACGTTGTTGATGTTCTGTACATATAAAGAC
CAAAGAGTCAGGAATGCTGGGAGAGTTAATCTGGGCTGTCTGGTGTGAATATTTATGGATTTTGA
GAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014055

Insert Size: 1686 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_001014055.1](#), [NP_001014077.1](#)

RefSeq Size: 1936 bp

RefSeq ORF: 1686 bp

Locus ID: 312200

UniProt ID: [Q68FR5](#)

Cytogenetics: 4q22