

Product datasheet for **MC218925**

Tmem209 (NM_178625) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tmem209
Synonyms:	2700094F01Rik; AI428435
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC218925 representing NM_178625
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATGCAAGGAGACGTAAGCCCCAATCCTTCCCTTATTGACAGAACCATCAAGATGAGAAAAGAAACAG
 AAAGTGGAAAGTGGTTTTAGCTTGGGACTCCTAAATGTATCCATGGCTGGAATGATATATACTGAAAT
 GACTGGAAAGTTAATCAGTACATATTATAATGTGACATACTGGCCCTCTGGTATATCGAACTCGCACTT
 GCATCGCTCTTCAGTCTTAATGCCTTGTGTTGATTTTGGAGATACTTCAAATATACCGTAGCACCACAA
 GTCTGGTAGTTAGCCCCGACAGCAAGCACTGTAGGGTTGAAACAGGCTGTTGTGCAGACTACACCTCC
 CCGTGATTTGGCAGCAACCAATCTCTCATCTCCACCTTCCCCTTCGATTCAAGGTCAAAGTGTGTTA
 AGTTATAGCCCATCTGTTACCCAGTACCAGTCCCAAGTTTGCCACCAGCTGTATGACTGGGTATAGCC
 CTCAACTGCAAGGCTGTCTGTCAGGAGGCTTGGCTCTTACAGCCCTGGTGTGACTTACTCGCTGTCTAG
 TGGCTACAATAAGTTGGCCAGCTTTAGTCTGTCTCTTCTTCCATACCCTACCACTGTGGGCCAGTG
 GAGAGCAGTGGATTGAGAGCTCGCTACCGTTCTCCACCACGGTCTACAACTACCCACTGACAAAGAGG
 ACTACATGACAGACCTGAGAACTTTGGACACGTTCTTAGAAGTGAGGAAGAGAAACAGCATAGAGTGAA
 GCTGGGAGGCCAGATTCCACCTCTCCTTCTACCAGCCCTACCTTCTGGAATTACAGTCTGTTCTGTGGGT
 GATTATGCACAAACCTTAAAGAAGTTTCAGTATCAGCTTGCCTGTAGATCACAGGCCCATGTGCTAACA
 AAGATGAAGCCGATCTCATTTCTAAGCAAGCTGCAGAAGAGGTCTGGGCAAGAGTGACTATGAATAGACA
 GCTTCTCGATCACATGGATTTCATGGACAGCCAAGTTTAGAAATTGGATCAGTGAGACAATATTGGTGCCG
 CTTGTGCAAGAGATTGAGTCTGTCTGACAGCCAGATGAGAAGGATGGGCTGTCCAGAGCTACAAATAGGAG
 AGGCGAGTGTACCAGCTTGAAGCAAGCTGCCCTGGTCAGAGCTCCTCTCATTCCAACCTCTGAATGCAAT
 TGTGCAAGTATTTAGACCTCACACCAATCAGGAGTACTTGTGTTGAAAGAATCAAAGAATTTCTCAGGGG
 GGCTGTATGAGTTCATTGAGTGAACAGAGGTGGAGACTTCAAAGGACGCAATGGGATACAGACCTGC
 CCACTGATTCTGCTATCATCATGATGTGTTTTGCACCTACCTTGATTCCAGATTACCTCCACACCTAA
 GTACCTGATGGAAAAACATTCACCTCTCAGCACTTCGTTCCAGAGCCCAATAAACCAGATGTTACGAAT
 GAAAAATGTGTTTTGTATTTATCAGAGTGTGTCAACCTCCACATTATGAGCTAATCTATCAGCGCATG
 TCTACAATCTTCAAAGGGCAGGAATAATGTTTCATACGTTGCTGATGTTCTTTATATCATAAGAC
 CAAAGAGTCAGGAATGCTTGGGAGGTTAACCTTGGGCTCTCTGGCGTGAACATTTTGTGGATCTTTGGA
 GAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_178625

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_178625.4, NP_848740.3</u>
RefSeq Size:	3499 bp
RefSeq ORF:	1686 bp
Locus ID:	72649
UniProt ID:	<u>Q8BRG8</u>
Cytogenetics:	6 A3.3