

## Product datasheet for **MC217080**

### **Tmem104 (NM\_001033393) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmem104 (NM_001033393) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem104
Synonyms:	C630005D06Rik; mFLJ00021
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217080 representing NM\_001033393  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGGCGAGATCACAGAGACCGGAGAGCTCTATTCTCCTTATGTGCGGCTGGTGTACATGTTTAACC  
 TCATCGTGGGCACAGGTGCGCTCACCATGCCCAAGGCCTTTGCCACCGCCGGGTGGCTCGTCAGCCTCGT  
 TCTGCTGGTATTTCGTAGGCTTCATGAGCTTTGTGACAACCACCTTTGCGATGGAAGCCATGGCTGCAGCC  
 AATGCCAGCTCCGCTGGAAGAGGATGGAGACCCACAAGGAAGAGGATGACGAAGACTCGTCCACAGCCT  
 CAGACAGTGACCTCCTCAGCCAAGACAACACGAGAGGGCAGAGAAACGCCCATCCTGTCTGTGCAGAG  
 ACGCTCATCTGCCAACCTTTTTGAAATCACAGACCGGGTGGAAATGGACAGATGGCTTCCATGTTCTTC  
 AATAAAGTGGGGTCACTTGTCTATTCTGCATCATTACTTACCTGTATGGAGACCTCGCCATCTACG  
 CGGCCCGGTGCCGTGTCCCTCATGCAGGTGACCTGCAGCGTCTCTGAAATGACTCTTGCGGCGTGGA  
 TACAGACGCCAGATAACAACGACTGATCTGTGCTGGGGCCCCCTGCGCCGGGTGGATGTCTACCGAATC  
 TATCTGGCCATCTTACCGTCTTCTTGGCCCGTTACCTTCTTTGATGTCCAGAAGACTAAGTACCTGC  
 AGATCTTGACCTCTATGATGAGATGGATCGCCTTTGCCATCATGATTGTGCTGGCCCTGGTGCATCGG  
 GAAAGGACAAGGAGAGGGGCACCCGCCCTAGCCAACCTCTTGGGGTCCAGAACCTGTTGGGGTGTGT  
 GTCTACTCGTTTATGTGCCAACACTCCCTGCCCTCCCTCATCACTCCCATCTCCTCCAAGCGCCACATCA  
 CGCGGCTGCTGTTCTGGACTACGACTGATCCTGGCCTTCTACGGCCTCCTCTCCTTACGGCTATCTT  
 CTGCTCCGTGGGACAGCCTCATGGACATGTACACCTCAACTTCGCGAGGTGTGACGTGTGGCCTT  
 GCTGCAGTCCGGTCTTTCTGGGCCTCTCCCTGTGTTACCATCAGACCAACTCCCCATCATCGCGG  
 TGACCTGCGCAACAACGGAAGACGCTTCCACCGTGAAGGTGGCACCTACCCATGGGTGGTAGACCG  
 AGTGGTGTTCGCCACGATCACCTGGTGCCTCCATTCTGGTGGCCTTCTGCACCCATGACCTGGAGTCC  
 CTGGTGGCCATTACAGGAGCCTATGCGGGCACCGCATCCAGTACGTATCCCTGCCTTCTGTTGTACC  
 TCTGCCGCAAGGACACCCAGCTGACCTTTGGCTATGGAAGTGTCAACAAGCATAGGTCCCGTTCCGCCA  
 CACCTTCTGGGTGGCCTTTGTGCTGCTGTGGGCTTCTCCTGCTTCTTTGTACAGGCCTACATCGTC  
 CTAAGGAGACCCAGCT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001033393

**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).

**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\\_001033393.2](#), [NP\\_001028565.1](#)

**RefSeq Size:** 4583 bp

**RefSeq ORF:** 1491 bp

**Locus ID:** 320534

**UniProt ID:** [Q3TB48](#)

**Cytogenetics:** 11 E2