

## Product datasheet for **RN204533**

### **Tmem200a (NM\_001109135) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmem200a (NM_001109135) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem200a
Synonyms:	RGD1564024
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204533 representing NM\_001109135  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATAGCCACTGGTGGGGTTCATCACCGCCTGGCGCCCTGAAGCGGCAGGACTCTGCCAGGTCCCAGC  
 AACACATCAACCTCAGCCGCTGCTACCCAGGACCAGAACTGTGACACGGCGCCCGCAGCTGA  
 CGTCGTGGTGGTCCGTGGGAAAATCCGACTTTATTCTCCATCTGGATTTTCTCTATTCTGGGAGTACTG  
 GTGTCCATCGTAGGAATCGCCATGGCAGTCTTGGATATTGGCCCCAGAAGGAGCATTTCATCGACGCAG  
 AGACCACTCTGTCCACCAATGAGACTCAGGTGGTTCGGAACCAGGGCGGTGGTGGTGGCATTCTTCGA  
 GCAGCATCTACTCCGATAAAAATGAAGATGCTTGGCCCGTTCACCATGGGTATCGGCATCTTTATTTTC  
 ATCTGTGCCAATGCCATTCTTCATGAGAACCGCAGAAAGAAACCAAAATCATCCACATGAGGGATATCT  
 ATTCACAGTCATCGACATCCACACGCTGAGACTCAAGGAGCAGAAGCAAGCGAACGGCCTGTACGCAGG  
 TTTGCTGGGAGATGCCGAGGTGAAGCAGAACGGAAGCCCTGCGCATCCAGGCTGGTGGCCACCACCTG  
 GCCTCCTTCTCAGGGATGCGGAACAGCTTTCGTGTGGACAGCTCTGTGGAGGAGGATGAGCTGATGTTGA  
 CTGAAAGTAAGAGCCCGAGGCACCTCATGCCCCATTGCTTTCTGACAGTGCAGTCTCTGTCTTTGGCCT  
 TTATCCACCTCCAGCCAAGACCACCGATGACAAGACCAGCAGCTCCAAGAAGTGTGACACCAATCGATC  
 GTGTGTCATCCATCAGTGCTTTTACGCTCCCTGTGATCAAGCTTAACAAGTGTGTCATTGATGAGCCCA  
 GTATAGACAGCATCACCGAGGTGCGAGACAACCTCAAAGTAGGTCCAGGAATCTTTCAATGGATTCCCT  
 TGTGGTCCCACCTGCAAGCTCTGGCGAGCCCGCCAGCACATTACTCCAAGGAACAATCCGTTGGAGAG  
 TCCCTATCGAGTCAGTACAAGTCTCTGTACCCGGGACTGGACAGCTCTGTCTCCTGGGCTGCGAGAA  
 GACAGTTTGGATCCAACACATCCTTACATTTGCTCTTCTCATTCCAATCCCTAGACTAGACCGGAGG  
 TCCTTCCACACTCAGGTGCGAGGCAAGAACAAGGAAGCACCAGTTGGCCCCGATTGGATCGGAGTAAC  
 AGCAAAGGCTATATGAGACTAGAGAACAAGAGGACCAATGGATCGACTGCTCGTTCCTCAAACAGCAA  
 TCAAAAAAGACTTTACGAATAAAGAGAACTCCTTATGATCTCAAGATCCCATAACAACCTTGAGTTTGA  
 ACATGATGAGTTTTTGGAGTAACAACCTTGAAGCGAGGAACCTCAGAGACAAGGTTT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001109135
- Insert Size:** 1458 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\\_001109135.1](#), [NP\\_001102605.1](#)  
RefSeq Size: 4091 bp  
RefSeq ORF: 1458 bp  
Locus ID: 498987  
Cytogenetics: 1p12