

## Product datasheet for **RN207736**

### **Tmem229a (NM\_001109480) Rat Untagged Clone**

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Tmem229a (NM_001109480) Rat Untagged Clone                                         |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Tmem229a                                                                           |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN207736 representing NM_001109480<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGGTAGCGACCTGGCTAGTGAGGGGTTCATCGCCGAGGGGCGGCGCAGCCGAGAGAACCGGGGCCA  
CCGGCGGGCTGCGGAGCCAGACGGCCGCGAGCTGCCCGGAGCCGCTGTCCGCTGCTGAAGCTCCGGCCGA  
GCGTGCGCGCTGCCCGCCTGGATGCGCCTCTACTTCTATGGGATGCACGGCATCACCTGGACGTGCTG  
GTGTCTCTGCCAGGCGCTTCGCCCGCAGCCTTGATCTGCGGATGCTGGGCTTCTTTCGCCCTACCGCT  
GCCTCTGCACTCGCTCACCCACTTCGCCCTGGAGCAGCTCTACCTGCAGCGGCCGCGTGCCCGAGCGC  
CTTCCTCTTCAATTTCTACTCTACCCCTCTGCGCACGTGCGGGCTGCAGACCCTGGCGGGTCAGGCGCTA  
AGGCTCAGCCTAGGCGGGCGGCCGGGGGCGCGGCAGAGCCGGGGCGCTCGACCTGGCGCTGCAGTACG  
TGCTCGCGCTCTACCACGGCCAAGTGTTCCTGAAGCGCTTCTGCGTTTGCAGTACCCACGGCAGCGGGA  
GCAGCAAACAGGGACACAGTACCCGACGCCCCGAGCCGAGATCCTTTGGGAGGCTGGTGGCCAGCGA  
CGAGGACCCCAAAGTCAAAGGGCATAGAAAGATCCCCTACCCAGGACTGCCTGACCTCCTTCGCTTCC  
TTTTCTTCGGAATGCACGGCTTCTGGATGAGATCTTCTCACCTTCTTCTTCAATGTGCTGGGACAGGG  
GGACGGGACCAGCAGTGGTCACACATCTCTGCTTCTTTCATGTATGGAAGTTGTAGTTTCGTGGT  
GAAAACTCTACTTCCACCTTCAATACAGCCGTGGCTGGGGCACGTGGAAGCGGGTGCCCATCTACGTGA  
TCTTCATCTATGCTTGGGAGTTTCTGGGGTCTGGGACTTCGATGTGTGGGGCTGTTCTGGGACTA  
TTCTCACTACCCGCTTAATTTCTATGGGTCTCATACCTTGATGTATTTACCCGGTTGGCTGTTTCTTAGT  
GTGTACCAGGACCTACTGTCCAACGTGTTGTGGCGGGTGCAGTATGTCCCAACGAAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |              |
|--------------------|--------------|
| Restriction Sites: | SgfI-MluI    |
| ACCN:              | NM_001109480 |



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 1110 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                    |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001109480.1</a></u> , <u><a href="#">NP_001102950.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>           | 4961 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 1110 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>              | 685756                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | 4q22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |