

## Product datasheet for RN214383

### Tmem51 (NM\_001109273) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tmem51 (NM\_001109273) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tmem51  
 Synonyms: RGD1565452  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN214383 representing NM\_001109273  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATGGCCAGTCCAAGGCCAACGGCTCGCACTACGCACTGACGGCCATCGGCCTGGGGATGTTGGTCC  
 TCGGGTTATCATGGCCATGTGGAACCTGGTTCCTGGTTTCAGCCCTGCGGATAAGCCAACGGCTCAGGG  
 CAACAAGACAGAGGGAGGTGGTGGCATCTCAAGAGCAAGACTTTTTTCAGTGGCCTACGTGCTGGTCGGG  
 GCCGGCGTGATGTTGCTGCTGCTATCCATCTGCCTGAGCATCCGGGACAAGAGGAAGCTGCGGCAGAGTG  
 AGGAGCTGGCCAGAATTCAGCAGCAGGCAGGAGCCGTGCCCCCTCCCAAGAGGAAGACAGCCAGGAAGA  
 GGAGGAGGAGGCCTCCTCACGGTACTACGTACCGAGCTACGAGGAAGTGATGAACACGGGCTACCCGGAA  
 AGCAGGGACCAGGAGCAGAACCCAAGGCTGAGCATCTCTCTCCCTCCTATGAATCGCTAACTGGGCTCG  
 ACGAGGCAACCCCACTAGCACCAGGGCAGAGACAGAGACCAGCCAGGGCATGCTCCTGACAGGCAAAA  
 CTCCAAGCTGGCCAAACGCCTGAAGCCACTCAAAGTTCGAAGGATTAATCCGAAAAGCTTACCTCAA  
 GACTTCAGGATCACCTCCAGACAAGAAGTTCCTCCCTCTATCGAGCCTTTGACTCCTCCACCGC  
 AGTATGACGAGGTCCAGGCAAAGGCCCCGAGGCCCGGCCACCGATTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001109273  
 Insert Size: 750 bp



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<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_001109273.1</a></u> , <u><a href="#">NP_001102743.1</a></u>
<b>RefSeq Size:</b>	2034 bp
<b>RefSeq ORF:</b>	750 bp
<b>Locus ID:</b>	500578
<b>Cytogenetics:</b>	5q36