

## Product datasheet for RN208205

### Tmem54 (NM\_001034151) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem54 (NM\_001034151) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tmem54  
**Synonyms:** RGD1304886  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN208205 representing NM\_001034151  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGTCTGCGCATAGGTGGCCTGAATGTGGATGAGTTCGGGAAGTTGCTGATGAAGACGGGCTGGTGC  
 TGGTAGTGCTGGGTCACGTGAGCTTCATTGCGGCAGCCGTGCTCCATGGCACCATGCTGCGCTTTGTAGC  
 CACCACCAGGGACGCCGTGGTTCTACAATACTGTGTGGTAGACATCCTCTCCGTCACCTCTGCCATTGTG  
 GCATCCTTGCGGAATTCGGCTGTCATCTTGTACGCTATCTCCCAGCACCCCTTGCCTGGACCG  
 TGTTTAGCCTGAGTGTGGCCTGTGCTCTGCTCTCTGACCTGTGCCCTTGGACTCCTGGCCTCCATTGC  
 TGTGACCTTCGCCACCAAGGGCAGGGCACTCCTGGCCCTGTACTTTTGAGAACACTGAACTCCCAACA  
 CTGGCACCAGGACTGTCCTTTGACCCTACTCGAATTTACAGCTCTAGCCTGTGCCTCTGGGCCATCTCTC  
 TCATATTCTGTCTGGCGGAGAGCATGCTGCGGTGCGCTGCGCCAGCTCGTGCATCGGCTGCTGGA  
 GAGGCCCTGGTGGGGAAAAGCTGCCACCATACGATAACAAGCAAGCCAGAGCCCTGGATGGCCATGAC  
 CTA**CTGAGTTGCACCAGCTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001034151  
**Insert Size:** 651 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_001034151.1</a></u> , <u><a href="#">NP_001029323.1</a></u>
<b>RefSeq Size:</b>	1093 bp
<b>RefSeq ORF:</b>	651 bp
<b>Locus ID:</b>	362605
<b>UniProt ID:</b>	<u><a href="#">Q494T4</a></u>
<b>Cytogenetics:</b>	5q36