

## Product datasheet for MC201946

### Tram111 (NM\_146140) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tram111 (NM\_146140) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tram111  
**Synonyms:** A830091N21Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC027120 sequence for NM\_146140  
GACGGGCGGTGATGGGGAGCCCGGCGCTGGGAGCGGCTCAGTGATCAGCGGTGGAGGCCGGTGACTACTG  
GTGAGTACCGCGGCATGGGGCTCCGCAAGAAGAACGCCAGGAACCCCGGTGTTGAGCCACGAATTCAT  
GGTGCAAGAACCGCGGATATGGTCTCCTGCGTGGGCATGTTCTTCGTGCTGGGGCTTATGTTCCAGGGC  
ACCTCCGAGATGTCGATCGCGTTCTCACTCTGCAGCATGGAGTCGTTGTCCCAGCGGAAGGGCTGCCCT  
CCGGGTCCAGGACCCTGTACCATTATGGGGTCAAAGATCTGGCCACAGTGTCTTCTACATGCTGGTGGC  
CATCATCATCCACGCCACCATTAGGAGTACGTGCTAGATAAGCTCAGCAGGAGACTGCAGCTCACCAAA  
GGCAAACAAAACAACTGAATGAGGCCGGGCGAGCTGAGTGTCTATATAGTGTCCGGGATCTGGGGCA  
TGATCATTCTGGCCTCTGAGAACTGCCTGTCAGACCTCACTCTGTGGAAGTCTCAGCCCCACAACAT  
GATGACATTTTCTGATGAAATTTTCTACATTTTACAGTTGGCTTACTGGTTTCATAGCTTTCCGGAGCTT  
TACTTCCAGAAAGTCAGGAAGCAAGATATCCCGGGTCAGCTCATCTACATTGGCCTCCACCTCTCCACA  
TTGGAGGGGCTATCTCTTGTACTTGAACCACTTGGGCCCTGCTGCTGATGCTGCACTACGCCGTAGA  
GCTCCTCTCCAGCGTGTGCAGCCTGCTTTACTTTGGTGATGAGCGGTACCAGAAAGGGTTGTCTCTGTGG  
CCTATCGTGTTTATATCCGGGAGACTCGTGACATTGATTGTCTCGGTGGTTACAGTAGGGCTTACCTGG  
CCGGGACAAAATCGGAATGGCAATGCACTCTCTGGTAATGTCAATGTGCTGGCAGCTAAAATCGCTGTTCT  
GTCCTCGAGTTGCAGTATCCAGGTGTACATAACATGGACCTTGACTACTGTCTGGCTTCCAGAGATGGTTA  
GAAGACCGAACCTTTCATGTTTGTGGAAGGAAGAGACGGTCCAGGGCGAGAAAAGGCACAGAAAATGGAG  
TGGAGAATCCGAATAGAATAGACTCTCCACCAAGAAGAAGAGAAGGCTCCTTAAGCAGCTTCAAGCTA  
ATTGATTTTACCTCCAAGGGAATCCACTCCTTGTCTATGTGGTCTCTGTGCTAGAGATTTCTGTTTT  
TCAGAACGGGTCGTGTTTTTAAATATTGCTATTGTTATTGTCTAATGTGTTTTTAAAGGTTGGCAGCG  
GTATGAGTGGTGGGAATTAAGATTAACCCTCAGCCTCTAAATCCTGTCAGAAATAGTTAACAGACC  
AACATCGTATTTAGTTTACCTCAACGATTGTCCAAACGTTTCGTGGTGGTACTGCAGAAAT  
GTGTGTATAAATAATAGTTTCTGCTTCCAGTGTCTTTATCGCATTAAACAAGTCTGGCAGCAAAGTGGT  
TTTCTCCATGTTCTCTTGCAGGATAAAGTGAAAACTGATAAAGGTGGAACCTAAATCAGTATTATGTA  
ATCGTTGGGATTCCTTTTTAAAGTTGTTTTAAATTTACAATGGAAGTATTTGTCAAACCCCAAGTAT  
GTGTTAATTTTGAATTAGTGACTGCTAGTGCTATGCCCCATTAAGCATCAAACCTCCGAATAAAAAA AAAAAAAAAA



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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_146140
<b>Insert Size:</b>	1092 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="#">BC027120</a></u> , <u><a href="#">AAH27120</a></u>
<b>RefSeq Size:</b>	1762 bp
<b>RefSeq ORF:</b>	1092 bp
<b>Locus ID:</b>	229801
<b>UniProt ID:</b>	<u><a href="#">Q8QZR0</a></u>
<b>Cytogenetics:</b>	3 G1
<b>Gene Summary:</b>	Stimulatory or required for the translocation of secretory proteins across the ER membrane. [UniProtKB/Swiss-Prot Function]