

## Product datasheet for MC211259

### Tom111 (NM\_028011) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tom111 (NM\_028011) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tom111  
**Synonyms:** 2310045L10Rik; C80573; Srcasm  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211259 representing NM\_028011  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGCGTGCAGAACTGTGGCCGAGTTTCCAATCTCTGATTGTGAAGAAGGAGTTCATTAAGATACTC  
 TAGTTAAGCTGCTGAATCCCAGATACACCTTACCCTGGAGACCCAGAACAGAATCTGAATTTTCATTAA  
 GACCTGGTCCCAGGGCTCCCAGGAGGTGTAGATGTGAGTGAGGTGAAGGAAGTGTACCTTGACCTGCTG  
 AAGAAAGGGGTTCAATCCCAGCCCTCGGATGGAGAGCCTGAGACAAGGCAGGAGGCTGGTCAGATCTCAC  
 CAAATCGACCGACATCTGTCCCCACTGCACCTGCACTTTCTTCTATAATTGCTCCCAAGAACCCAACTAT  
 TTCTTAGTCCCAGAACAGATCGGGAAGCTGCATAGTGAAGTATAGTGAATAATGAATGTGAAAGTG  
 ATGACAGCCATATTGATGGAGAACTACTCTGGCTCTGAAAACCATGAAGACATCGAGCTCCTGCGGAAAC  
 TTTACAAGACAGGTGGGAGATGCAGGAGAGGATCATGGACCTGCTGGTGGTGGTGGAAAATGAAGACGT  
 GACTATGGAGCTAATTCAAGTGAACGAGGATCTGAATAATGCCGTCTTGGATATGAGAGGTTTACTCGA  
 AACCAACAAAGGCTTTTGAACAGAAAGAGAACCGGACAGAAGCAACCCGTAATCCAGCGAGCCCTCTG  
 CTCTTCTGCGATCCTCGACCTAAGCCCCATCGTGCCAGTGCCTACGCCAATGAGCGGAGCACTCAA  
 CTCGGTGAACGCCAGCTTTCAGGCCTAAGTGTGACGCTCTGAGCCCTGTTATAACAAACAACTTGAT  
 CCCAGTCTTCAGCCACAGAGGGATTTACTAGCATCAGAAGATATAGAAAATACCCACCTTGTTCGCCAGA  
 GGACCAGCCAAAACCTCGCCTCGAGTCACACATATGATAATTTTCACTCCAATTCAGTATTACTCCAGCC  
 AGTTAGCCTACACACCGCCACAGCAGCAGCAGCAAACCCAGAGGCTGCCACCTTGCCAAGCAGTCAT  
 CCAGTGTAAAAGACGGCGATCTCCAGCCACCAATTACTACGAGGTAATGGAGTTTGATCCCTTAGCTC  
 CCACTACAGAAGCTGTTTATGAAGAAATTGATGGTTACCACCAGAAAGAAGCTCAAAGTCATAGTGACTG  
 CTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_028011
<b>Insert Size:</b>	1194 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_028011.2</a></u> , <u><a href="#">NP_082287.1</a></u>
<b>RefSeq Size:</b>	2093 bp
<b>RefSeq ORF:</b>	1194 bp
<b>Locus ID:</b>	71943
<b>Cytogenetics:</b>	11 55.47 cM
<b>Gene Summary:</b>	<p>Probable adapter protein involved in signaling pathways. Interacts with the SH2 and SH3 domains of various signaling proteins when it is phosphorylated. May promote FYN activation, possibly by disrupting intramolecular SH3-dependent interactions.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and 5' coding region and uses a downstream start codon, compared to variant 1. It encodes isoform 3, which has a shorter N-terminus, compared to isoform 1.</p>