

## Product datasheet for MC207710

### Tmem123 (NM\_133739) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem123 (NM\_133739) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tmem123  
**Synonyms:** 2310075C12Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207710 representing NM\_133739  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGCTGTGCGCGGGCCGCGCTGCTGCTGGGCGTGTGCAGGTGCTGGCGCTGCTAGGGCGGGCGC  
 AGGACCCGACCGACGCTCAGGGCTCTGCAAGTGGAAACCACTCAGTGCTGACCTCCAATATTAACATAAC  
 AGAGAATACCAACCAGACCATGAGTGTGGTTTCCAACCAGACCAGTAAAATGCAGAGCACCGCGAAGCCT  
 TCCGTACTGCCAAAACTACCACACTTATCACTGTGAAACCTGCAACTATTGTTAAAATATCAACCCAG  
 GAGTCTTACCACATGTGACGCCTACTGCCTCAAAGTCTACACCCAATGCAAGTGCTTCTCAAACCTAC  
 CCACACGTGAGCATCCATGACAACCCAGCCACAGTAGTTTATTGACAAGTGAACGGTTTCAGCAACT  
 ACTCATCCCAAGGCAAGGATCCAAGTTTGATGCCGGCAGCTTTGTTGGTGGTATAGTGTTAACAC  
 TGGGAGTTTTATCTATTCTACATTGGATGCAAAATGTATTATTCAAGAAGAGGCATCCGGTACCGAAG  
 CATTGACGAACATGATGCCATCATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_133739  
**Insert Size:** 588 bp  
**OTI Disclaimer:** 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).



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<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_133739.2</a></u> , <u><a href="#">NP_598500.1</a></u>
<b>RefSeq Size:</b>	2881 bp
<b>RefSeq ORF:</b>	588 bp
<b>Locus ID:</b>	71929
<b>UniProt ID:</b>	<u><a href="#">Q91Z22</a></u>
<b>Cytogenetics:</b>	9 A1
<b>Gene Summary:</b>	Implicated in oncotic cell death, characterized by cell swelling, organelle swelling, vacuolization and increased membrane permeability.[UniProtKB/Swiss-Prot Function]