

## Product datasheet for MC211174

### Trem1 (NM\_027763) Mouse Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Trem1 (NM_027763) Mouse Untagged Clone                        |
| Tag:                      | Tag Free  |
| Symbol:                   | Trem1   |
| Synonyms:                 | 5430401J17Rik; TLT-1  |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| Fully Sequenced ORF:      | >MC211174 representing NM_027763<br>Red=Cloning site Blue=ORF |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACTGCTACCTGCTGCTGCTGCTGCTGCTCCTGGGACTAGCAGGCCAAGGCTCAGCTGACAGTCATC  
CCGAGGTGCTACAGGCACCGGTGGGTTCATCCATTCTAGTGCAGTGCCACTACCGCTCCAGGATGTGAG  
GGCTCTCAAGGTGGTGGCCAGTTCTTGCAGGAAGGCTGCCACCCACTAGTGACCTCAGCGGTGGACCGA  
AGAGCTCCGGGAAACGGGCGCATATTCCTCACTGACCTGGGTGGGGGCTCCTGCAGGTGAAATGGTGA  
CCCTGCAGGAGGAGGACACAGGGGAGTATGGTTGTGGTGGAGGAGCGGCAGGACCCAGACCCTGCA  
TAGGGTCTCCCTGTTGGTTCTTCCACCAGTCCCTGGCCCAAGAGAGGGGGAGGAAGCAGAGGACGAGAAA  
GAAACCTATAGAATCGGAACCGGAAGTCTGCTCGAGGACCCCTCCTTGGACCTTCCGCGAGTGTGGTC  
CTCACGAGTTCAGACGGCGTGAGAACAGGTGTCAGAAGCAGTGTATCCCCTGATCTGGGGTGTGTGCT  
CCTGTTGGCCCTGGTGGTGGTGGCTGTGGTGATATTTGCTGTGATGGCCAGAAAGAAAGGGAACAGGCTT  
GTTGTCTGTGGCCCTCCAGAGCACTGGAGTTCAGGAATGGACCCTCCCTCAGCAGCCACCGTAGCA  
GTGACTCGGACTACCTCGGACATCCACATGTGAGGCTCGACTCACCGCTTCTTTGACTCTATCTA  
CACAGGCTCCTCTTTGATCCACCATCAAGCGAACCCAGCTCCACCCTCACAGCCCCCTGCCTCCT  
AAGTCTGATGTCTCAAGTGTGACATATGCCACAGTTGTCTTCCAGGAGGGGACAAAGGTA  
TAGCCTCCTGTGAGCCAGTTCAGGACCCACCAAACAGTCAAACCTCACCCAGTAAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1533\\_f08.zip](https://cdn.origene.com/chromatograms/ja1533_f08.zip)

Restriction Sites: SgfI-MluI



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|                               |  |
|-------------------------------|--|
| <b>ACCN:</b>                  | NM_027763  |
| <b>Insert Size:</b>           | 969 bp   |
| <b>OTI Disclaimer:</b>        | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p> |
| <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>                | <a href="#">NM_027763.1</a> , <a href="#">NP_082039.1</a>  |
| <b>RefSeq Size:</b>           | 1220 bp  |
| <b>RefSeq ORF:</b>            | 969 bp   |
| <b>Locus ID:</b>              | 71326  |
| <b>UniProt ID:</b>            | <a href="#">Q8K558</a>   |
| <b>Cytogenetics:</b>          | 17 C   |
| <b>Gene Summary:</b>          | <p>Cell surface receptor that may play a role in the innate and adaptive immune response. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>   |