

Product datasheet for MC210168

Trem3 (NM_021407) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Trem3 (NM_021407) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Trem3 |
| Synonyms: | BB134760; TREM-3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >MC210168 representing NM_021407 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCACCGCTGCTGCTATGGCTGGGGCTGATGCTCTGTGTCTCGGGACTCCAAGCTGGAGATGAGGAAG
 AACACAAGTGTTTTCTGGAGGGCGAGAACCTGACCCTGACTTGTCTTACAACATCATGCTATACTCACT
 GAGCCTGAAGGCCTGGCAGCGGGTCAGAAGCCACGGTTCTCCAGAGACTCTGGTGCTCACAACACCAGA
 AAGGCAGACTTCAACGTGGCCAGGGCTGGGAAGTACTTGTGGAGGATTATCCACCGAATCTGTCGTCA
 AGGTCACGGTGACTGGGCTGCAGAGGCAAGATGTGGGGCTGTACCAAGTGTGTGGTCTACCTCTCTCTGA
 CAATGTTATCATTCTGCGTCAACGGATACGGCTGGCATGGTGTCAAGGGAAGCCAGTGATGGTGATCGTT
 CTGACGTGTGGCTTCATACTAAACAAGGCCTGGTCTTCTCAGTCCTGTTGTCTTTCTCTGCAAAGCTG
 GGCCTAAGGTGTTACAGCCTTCCAAGACATCCAAGTACAGGGAGTCTCTGAGAAACAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | SgfI-MluI |
| ACCN: | NM_021407 |
| Insert Size: | 552 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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| Components: | 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). |
| Reconstitution Method: | <ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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. |
| RefSeq: | <u>NM_021407.3, NP_067382.1</u> |
| RefSeq Size: | 1048 bp |
| RefSeq ORF: | 552 bp |
| Locus ID: | 58218 |
| UniProt ID: | <u>Q9JKE1</u> |
| Cytogenetics: | 17 C |
| Gene Summary: | The protein encoded by this gene is part of the immunoglobulin and lectin-like superfamily and is thought to function as part of the innate immune system. This gene forms part of a cluster of genes on mouse chromosome 17 thought to be involved in innate immunity. This protein has been reported to associate with the adaptor protein Dap-12 to form a receptor signaling complex that activates myeloid cells. [provided by RefSeq, Jan 2013] |