

Product datasheet for MC211306

Tram1 (NM_028173) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tram1 (NM_028173) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tram1
Synonyms: 1810049E02Rik; TR; TRAMP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211306 representing NM_028173
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGATTTCGAAGAAGAGCAACAAGAACCCGCCGCTGCTGAGCCACGAATTCCTGCTGCAGAATCAGC
 CGGACATCGTCTCCTGCCTGGCGATGCTTTTCTGCTGGGGCTTATGTTTCGAGGTAACAGCAAAAGGAGC
 CATCATCTTTGTTGCTCTTCAGTATAATGTTACCCGCCCTGCAACAGAAGAACAAGCTACTGAATCAGCA
 TCCTATATCACTATGGTATCAAAGACTTGGCTACAGTTTTGTTCTACATGCTAGTGCGGATAATTATTC
 ATGCCATAATTCAGGAGTATGTGTTGGATAAAAATTAACCGACGGATGCACTTCTCCAAAACGAAGCACAG
 CAAGTTTAACGAGTCTGGTCAGCTCAGTGCATTCTACCTTTTGCCTGTGTGTGGGGCACGTTTCATTCTC
 ATCTCCGAAAACCTATATCTCAGACCCAATCTCCTGTGGAGAGCCTATCCCATAACCTGATGACATTTTC
 AGACGAAGTTTTTCTACATCTCCAGCTGGCGTACTGGCTCCATGCATTCCCTGAACCTACTTCCAGAA
 ACCAAAAAGAAGATATCCCTCGTCAGCTCGTCTACATTGGCCTTTATCTTTTCATATTGCTGGAGCC
 TATCTTCTGAACCTGAACCACCTGGGCCCTGTCTTCTGGTGTGCACTATTTTCGTTGAATTTCTTTTCC
 ACATTTCTCGTCTATTTTATTTTGTGACGAGAAGTATCAGAAAGGGTTTTCTCTGGGCAGTTCTTTT
 TGTTTTGGGAAGACTTCTGACTTAATTTCTTTCAGTTCTTACTGTTGGTTTTGGTCTCGCAAGAGCGGAG
 AATCAGAAGCTGGACTTTAGTACTGAAACTTCAACGTGTTGGCCGTTAGGATCGCTGTTCTCGCGTCCA
 TTTGCATCACACAAGCCTTCATGATGTGGAAGTTCATTAACCTCCAGCTTCGGAGGTGGAGGGAACATTC
 TGCCTTCCAGGCCACCTGTGAAAAGGAAACCGCCGTGACCAAGGCAGGCTTCCAGAAAAGGAACA
 GAGAACGGTGTGAACGGCACAGTCACATCAAACGGAGCAGACTCCCTCGGAACAGGAAAGAGAAGTCTT
 CGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_028173
Insert Size:	1125 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).
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_028173.5</u> , <u>NP_082449.1</u>
RefSeq Size:	2943 bp
RefSeq ORF:	1125 bp
Locus ID:	72265
UniProt ID:	<u>Q91V04</u>
Cytogenetics:	1 A3
Gene Summary:	This gene encodes a multi-pass transmembrane protein of the endoplasmic reticulum (ER). It is involved in the process of cotranslational translocation of secretory proteins into the ER. [provided by RefSeq, Dec 2014]