

Product datasheet for RN202190

Tram1 (NM_001007701) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tram1 (NM_001007701) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tram1
Synonyms:	MGC95042
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202190 representing NM_001007701 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGATTTCGCAAGAAGAGCAACAAGAACCCGCCGGTGTGAGCCATGAATTCGTGCTGCAGAATCAGC
CGGACATCGTCTCCTGTCTGGCGATGCTCTTCTGCTGGGGCTTATGTTTCGAGATAACAGCAAAGGAGC
CATCATCTTTGTCGCCCTTCAGTACAACGTTACCCGCCCTGCAACAGAAGAACAAGCTGCTGAATCAGCA
TCCCTTTATTACTATGGTATCAAAGATTTGGCTACAGTGTCTTCTACATGCTAGTGCGGATAATGTTC
ATGCCATAATTCAGGAGTATGTGTTGGATAAAATTAACCGACGGATGCACTTCTCCAAAACGAAGCACAG
CAAGTTTAATGAGTCCGGGCAGCTCAGTGCCTTACCTTTTTGCCTGTGTGGGGCACATTCATTCTC
GTCTCCGAAAACATATCTCAGACCCGACGATCCTGTGGAGAGCGTATCCCATAACTGATGACATTTT
AAATGAAGTTTTTCTACATATCCAGTTGGCGTATTGGCTCCATGCATTCCTGAACTCTACTTCCAGAA
AACCAAAAAGAAGATATTCCTCGCCAGCTTGTCTACATCGGTCTTACCTCTTCCACATTGCTGGGGCT
TACCTTCTGAACTTGAACCATCTGGCCTTGTCTTCTGGTGTGCACTATTTGTTGAATTTCTTTTCC
ACATTTCTCGTCTATTTTATTTTAGTGACGAGAAGTACCAGAAAGGGTTTTCTTTGGGCGGTTCTTTT
TGTTTTGGGAAGACTTCTGACCCTAATTTCTTTCAGTCTCACTGTTGGCTTTGGCCTGGCAAGAGCAGAG
AACCGAAAGCTGGACTTCAGTACTGGAACTTCAATGTGTTGGCGGTTAGGATCGCGGCTCAGCGTCCA
TTTGATCACTCAAGCCTTCATGATGTGGAAGTTCATTAATCCAGCTTCGGAGGTGGAGGGAACATTC
TGCCCTCCAGGCCCTCCCGTGAAGAAAGAAACCGGCTGTGACCAAGGCAGGTCTTCCAGAAAAGGAACA
GAGAATGGTGTGAACGGCACGGTACGTCGAATGGAGCCGACTCTCCTCGGAGCAGGAAAGAGAAGTCTT
CCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001007701
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_001007701.1</u> , <u>NP_001007702.1</u>
RefSeq Size:	2778 bp
RefSeq ORF:	1125 bp
Locus ID:	312903
UniProt ID:	<u>Q5XI41</u>
Cytogenetics:	5q11
Gene Summary:	Stimulatory or required for the translocation of secretory proteins across the ER membrane. [UniProtKB/Swiss-Prot Function]