

Product datasheet for **SC123249**

TRAM1L1 (NM_152402) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAM1L1 (NM_152402) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAM1L1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_152402 edited
ATGCTCAGCTCAGCTCGGCCCTCGCCTTTGATTTATTTTTTTCTGGGCGGCCGCTGCGA
CCCCGGACTGACTTCGGGATGGGAAGTGGAGCCCCCGGAGCTGCTACCGTGGCGGGCGG
CTGTGAGGAGCAGCCAGGGGAGGCAGCTGCGGCTCGCCGGTGTATCCGGGAAGCGCC
ACCATGGGGCTCCGTAAAGAAGAGACCAAGAACCCCCCGTTCTCAGCCAGGAATTCATC
CTGCAGAATCATGCGGACATCGTCTCCTGCGTGGGGATGTTCTTCTGCTGGGGCTTGTG
TTCGAGGGAACAGCAGAAGCATCCATCGTGTTCCTCACTTTCAGCACAGTGTGCTGCC
CCTGCAGCAGAGGAACAAGCCACGGGCTCAAAGTCCCTCTATTATTATGGTGTCAAAGAT
TTGGCCACGGTTTTCTTCTACATGCTGGTGGCAATCATTATTCATGCCACAATTCAGGAA
TATGTGTTGGATAAAAATTAACAAGAGAATGCAGTTCACCAAAGCGAAACAAAACAAGTTT
AACGAGTCTGGTCAGTTTGTGTCTACTTTTTTTCTGTATTTGGGGCACATTCATT
TTAATCTCTGAAAACCTGTGACACCAACTCTTATATGGAAGGCTCGTCCCATAGC
ATGATGACATTTCAAATGAAGTTTTTCTACATATCCAGTTGGCTTACTGGTTTCATGCT
TTTCTGAACTCTACTTCCAGAAAACAAAAACAAGACATCCCTCGTCAACTTGTCTAC
ATTGGTCTTACCTCTTCCACATTAAGGAGCTTATCTCTGTACTTGAATCATTGGGA
CTTCTTTTGGTACTGCATTATTTGTTGAATTAATTTCCACATGTGCGGCCTGTTT
TACTTTAGTGATGAGAAGTACCAGAAAGGCATATCTCTGTGGCCATTGTGTTTATCTTG
GGTAGACTTGTGACTTTAATGTTTCCGTACTCACTGTTGGGTTTACCTGGCTGGATCG
CAGAATCGGAATCCTGATGCCCTTACTGGAATGTAATGTGTTGGCAGCTAAAATTGCT
GTTCTGTGCTCCAGTTGCACGATCCAAGCTACGTAACATGGAATTAATTAATCTCTG
CTTCAGAGGTGGGTAGAAGATTCTAATATTCAGGCCTCATGTATGAAAAGAAACGGTGC
AGATCTTCTAAAAAAGAACAGAAAACGGAGTGGGAGTGGAACTTCAAATAGAGTAGAC
TGTCGCGCAAAGAGGAAAGAGAAATCTTATAATCTTTGCAAGCGCATTGATTAATGCT
GCAAAGGAATCTGCTCTTTGAGGTTTCTTCTGCACTAGAGATTTTCTGTTTTTGAAAA
TAGTTCGTGCTCTTCGGTTTTGTTATTGAACTGTTTCATGTATTTTTTAAAGACATTTG
AGGGGAGGAGGATTATTATGAATGGGAAAAAAGATTTTGGTTGAGACTAAATTAATCAT
CGTCAAAATAATGTCAAAATAGTTTTGGGGATCACCCTATATTTGTTTTGATTTTTAA
CCTTTCAACATTTTCTAATGATTTGCAGAGATAACTGCACAATTTGCATATCAATGAT
ACTGGTCTTACTCCACCAGTGTTCATAATACTAACAAGATGGTCTCTCCTAGCAAGA
TTATGTGTTAATGCTTGTGTTGAGATTTATTTTTAAGAATTAACAATCAGAAAAGATTGCT
AGACTCACAAAATAATAATGTTCTTTATTTTACAGGTAGTGATTATTAGTGCTTCATC
CCCATTTAAAAAACACAGTACTAATGGGTAACACATATGGAGGTTTGTGCCATATATA
TTGTATCAAAATATCATTAAATATAAAAATATTAATCATTCTGTCCATTCCACT
TGTAATGGGAATTCATGAAATTAATATTAATTTAAAAAGGAAAAAAAAAAAAAAAAAAAA
AAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAACAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152402 unedited CGTTCAGCTTTTGTNAAACGACTCATATAGGCGGCCGCTGCGACCCGGGACTGACTTCGG GATGGGAAGTGGAGCCCCCGGAGCTGCTACCGTGGCGGCCGCGCTGTGAGGAGCAGCCAG GGGGAGGCAGCTGCGGCTCGCCGGTGAATATCCGGGAAGCGCCACCATGGGGCTCCGTAA GAAGAGCACCAAGAACCCCCCGTTCTCAGCCAGGAATTCATCCTGCAGAATCATGCGGA CATCGTCTCCTGCGTGGGGATGTTCTTCTGCTGGGGCTTGTTGTTGAGGGAACAGCAGA AGCATCCATCGTGTTCCTACTCTTCAGCACAGTGTGCTGCCCTGCAGCAGAGGAACA AGCCACGGGCTCAAAGTCCCTCTATTATTATGGTGTCAAAGATTTGGCCACGGTTTTCTT CTACATGCTGGTGGCAATCATTATTCATGCCACAATTCAGGAATATGTGTTGGATAAAAT TAACAAGAGAATGCAGTTCACCAAAGCGAAACAAAACAAGTTTAAACGAGTCTGGTCAGTT TAGTGTGTTCTACTTTTTTCTTGTATTGGGGCACATTCATTTAATCTCTGANAACCTG CCTGTCAGACCCAACTCTTATATGGAAAGCTCGTCCCATAGCATGATGACATTTCAAAT GAAGTTTTTCTACATATCCAGTTAGGCTTACTGGGTTTCATGCGTTGTTCTGAACTCT ACTTTCCAGAAAACCAAAAAACAAGACATCCCTTCGTCAACTTGGTCTACATTTGGGTCC TTCAACTTTTACATTAAGTAAAGCCTATCCCTTGGACCTGAATCATTGGGACCTT CTGTCTTTGGGACTGCATTTATTTGTTGAATTACTTTACCACATGGGCGGCCGGGTTTA CTTTTTGGTGAGAAATCCCTAAAGGCCACTCCTGGGGGCN
Restriction Sites:	Please inquire
ACCN:	NM_152402
Insert Size:	2085 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:	NM_152402.1 , NP_689615.1
RefSeq Size:	2085 bp
RefSeq ORF:	2037 bp
Locus ID:	133022
UniProt ID:	Q8N609
Cytogenetics:	4q26
Protein Families:	Transmembrane

Gene Summary: Stimulatory or required for the translocation of secretory proteins across the ER membrane.
[UniProtKB/Swiss-Prot Function]