

Product datasheet for **MC226530**

Trem11 (NM_001289451) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trem11 (NM_001289451) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trem11
Synonyms: 5430401J17Rik; TLT-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226530 representing NM_001289451
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTGCTACCTGCTGCTGCTGCTGCTGCTCCTGGGACTAGCAGGCCAAGGCTCAGCTGACAGTCATC
CCGAGGTGCTACAGGCACCGGTGGGGTCATCCATTCTAGTGCAGTGCCACTACCGGCTCCAGGATGTGAG
GGCTCTCAAGGTGTGGTCCAGTTCTTGCAGGAAGGCTGCCACCCACTAGTGACCTCAGCGGTGGACCGA
AGAGCTCCGGGAAACGGGCGCATATTCCTCACTGACCTGGGTGGGGGCTCCTGCAGGTGAAATGGTGA
CCCTGCAGGAGGAGGACACAGGGGAGTATGTTGTGTGGTGGAGGAGCGGCAGGACCCAGACCCTGCA
TAGGGTCTCCCTGTTGGTTCTTCCACCAGTCCCTGGCCCAAGAGAGGGGGAGGAAGCAGAGGACGAGAAA
GAAACCTATAGAATCGGAACCGGAAGTCTGCTCGAGGACCCCTCCTTGGACCTTCCGCGAGTGTGGTC
CTCACGAGTTCAGACGGCGTGAGAACAGTATCCCCCTGATCTGGGGTGTGTGCTCCTGTTGGCCCTGGT
GGTGGTGGCTGTGGTGATATTTGCTGTGATGGCCAGAAAGAAAGGGAACAGGCTTGTGTCTGTGGCCCG
TCCCAGAGCACTGGAGTTCAGGAATGGCTCCTCTTGTATCCACCATCAAGCGAACCCCGACTCCACC
CTCACAGCCCCCTCTGCCTCCTAAGTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001289451
Insert Size: 732 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001289451.1, NP_001276380.1</u>
RefSeq Size:	1138 bp
RefSeq ORF:	732 bp
Locus ID:	71326
UniProt ID:	<u>Q8K558</u>
Cytogenetics:	17 C
Gene Summary:	Cell surface receptor that may play a role in the innate and adaptive immune response. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses alternate splice sites in the coding region, which result in a frameshift, compared to variant 1. This results in an isoform (2) with a shorter and distinct C-terminus, compared to isoform 1.