

Product datasheet for **MR229208**

Trem11 (NM_001289457) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trem11 (NM_001289457) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Trem11
Synonyms: 5430401J17Rik; TLT-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR229208 representing NM_001289457
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACTGCTACCTGCTGCTGCTGCTGCTGCTCCTGGGACTAGCAGGCCAAGGCTCAGCTGACAGTCATC
CCGAGGTGCTACAGGCACCGGTGGGTTCATCCATTCTAGTGCAGTGCCACTACCGGCTCCAGGATGTGAG
GGCTCTCAAGGTGTGGTCCAGTTCTTGCAGGAAGGCTGCCACCCACTAGTGACCTCAGCGGTGGACCGA
AGAGCTCCGGGAAACGGGCGCATATTCCTCACTGACCTGGGTGGGGGGCTCCTGCAGGTGAAATGGTGA
CCCTGCAGGAGGAGACACAGGGGAGTATGTTGTGTGGTGGAGGGAGCGGCAGGACCCAGACCCCTGCA
TAGGGTCTCCCTGTTGGTTCTTCCACCAAGTCCCTGGCCCAAGAGAGGGGGAGGAAGCAGAGGACGAGAAA
GAAACCTATAGAATCGGAACCGGAAGTCTGCTCGAGGACCCCTCCTTGGACCCCTCCGCGAGTGTGGTC
CTCACGAGTTCAGACGGCGTGAGAACAGTATCCCCCTGATCTGGGGTGTGTGCTCCTGTTGGCCCTGGT
GGTGGTGGCTGTGGTGATATTTGCTGTGATGGCCAGAAAGAAAGGAACAGGCTTGTGTCTGTGGCCCG
TCCCAGAGCACTGGAGTTCAGGAATGGACCCCTCCCTCAGCAGCCACCGTAGCAGTACACTCGGGACTAC
CCTCGGACATCCACATGTGAGGCTCGACTCACCGCCTTCCTTTGACTCTATCTACAGGCTCCTCTCT
TGATCCACCATCAAGCGAACCCAGCTCCACCCCTCACAGCCCTCTGCCTCTAAGTCTGATGTCC
TCCAAGTCTGTGACATATGCCACAGTTGTCTTCCAGGAGGGGACAAAGGTAATAAGCCTCCTGTGAGC
CAGTTCAGGACCCACCAACAGTCAAACCTCCACCCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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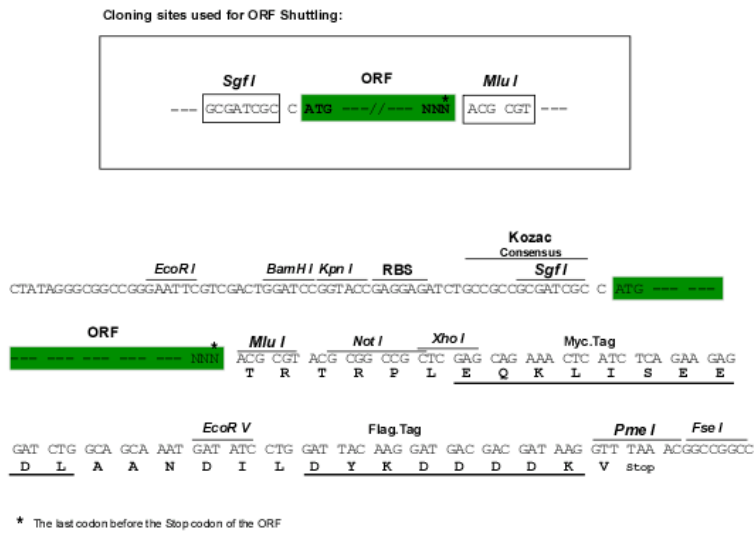
Protein Sequence: >MR229208 representing NM_001289457
 Red=Cloning site Green=Tags(s)

MDCYLLLLLLLLLGLAGQGSADSHPEVLQAPVGSSILVQCHYRLQDVRALKVWCQFLQEGCHPLVTSAVDR
 RAPGNGRIFLTDLGGLLQVEMVTLQEEDTGEYGCVVEGAAGPQTLHRVSLLVLPVPGPREGEEAEDEK
 ETYRIGTGSLLLEDPSLDPSASAGPHEFRRRENSIPLIWGAVLLLALVVAVVIFAVMARKKGNRLVVCGP
 SQTGTGVPMDPPSAHRSSDGLPSDIPHVRLDSPPSFDSIYTGSLSLPPSSEPPAPPSQPPLPPKVLMS
 SKSVTYATVVFPGGDKGKIASCEPVQDPPNSQTPPSK

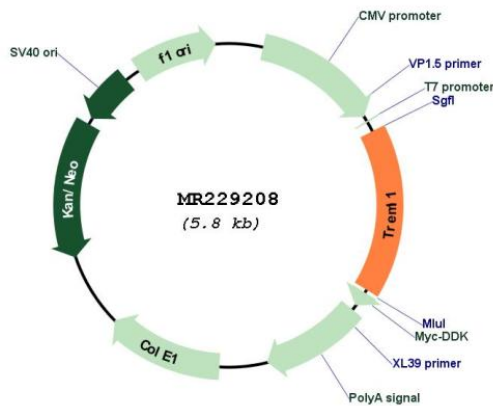
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001289457

ORF Size: 951 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001289457.1 , NP_001276386.1
RefSeq Size:	1241 bp
RefSeq ORF:	954 bp
Locus ID:	71326
UniProt ID:	Q8K558
Cytogenetics:	17 C
MW:	34 kDa
Gene Summary:	Cell surface receptor that may play a role in the innate and adaptive immune response. [UniProtKB/Swiss-Prot Function]