

Product datasheet for **MR224649**

Trem1 (NM_027763) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trem1 (NM_027763) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Trem1
Synonyms: 5430401J17Rik; TLT-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR224649 representing NM_027763
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

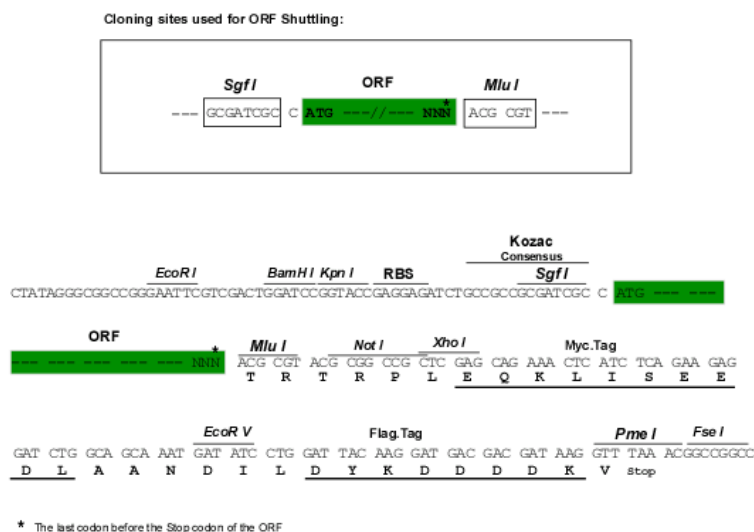
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GCCGCGATCGCCATGGACTGTACCTGCTGTGCTGCTGCTCCTGGGACTAGCAGGCCAAGGCTCAGCTGACAGTCATC
CCGAGGTGCTACAGGCACCGGTGGGGTCATCCATTCTAGTGCACTGCCACTACCGGCTCCAGGATGTGAG
GGCTCTCAAGGTGTGGTGCCAGTTCTTGCAGGAAGGCTGCCACCCACTAGTGACCTCAGCGGTGGACCGA
AGAGCTCCGGGAAACGGGCGCATATTCCTCACTGACCTGGGTGGGGGCTCCTGCAGGTGAAATGGTGA
CCCTGCAGGAGGAGACACAGGGGAGTATGGTTGTGTGGTGGAGGGAGCGGCAGGACCCAGACCCTGCA
TAGGGTCTCCCTGTGGTTCTTCCACAGTCCCTGGCCCAAGAGAGGGGGAGGAAGCAGAGGACGAGAAA
GAAACCTATAGAATCGGAACCGGAAGTCTGCTCGAGGACCCCTCCTTGGACCCTTCCGCGAGTGTGGTC
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CCTGTTGGCCCTGGTGGTGGTGGCTGTGGTGATATTTGCTGTGATGGCCAGAAAGAAAGGGAACAGGCTT
GTTGTCTGTGGCCCGTCCCAGAGCACTGGAGTTCAGGAATGGACCCTCCCTCAGCAGCCACCGTAGCA
GTGACTCGGGACTACCCTCGGACATTCACATGTGAGGCTCGACTCACCGCCTTCTTTGACTCTATCTA
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TAGCCTCCTGTGAGCCAGTTCAGGACCCACCAACAGTCAAACCTCCACCCAGTAAACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATC
ATGACGACGATAAGGTTTAA
```

Chromatograms: https://cdn.origene.com/chromatograms/ja1921_h05.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_027763

ORF Size: 966 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli may result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid. This DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact us at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, different sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own function. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended.

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the cell type and conditions.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
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_027763.2](#)

RefSeq Size: 1220 bp

RefSeq ORF: 969 bp

Locus ID: 71326

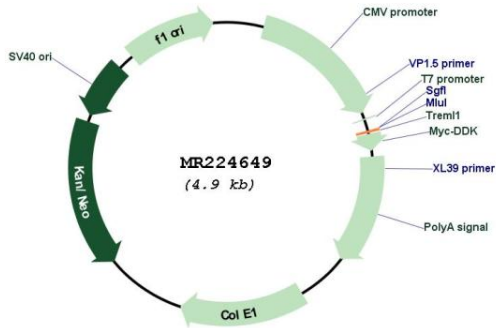
UniProt ID: [Q8K558](#)

Cytogenetics: 17 C

MW: 34.6 kDa

Gene Summary: Cell surface receptor that may play a role in the innate and adaptive immune response.[UniProtKB/Swiss-Prot

Product images:



Circular map for MR224649