

Product datasheet for **MC210706**

Tmbim4 (NM_026617) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Tmbim4 (NM_026617) Mouse Untagged Clone

Tag: Tag Free

Symbol: Tmbim4

Synonyms: 0610007H07Rik; AU022431

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC210706 representing NM_026617
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGACACGGACCCGGGCTATCCCCGCTCGTCCATCGAGGATGACTTCAACTACGGCAGCTGCGTGG
CGTCGGCCAGCGTGACATCCGCATGGCCTTCTCAGAAAAGTCTACAGTATCCTCTCTGCAAGTCCT
CCTGACTACAGTGACCTCTGCCCTGTTCTGTATTTCAAAGCTCTGCGGACATTTGTCCATGAAAGCCCT
GCCTTAATTGTGGTGTGGTCTGGGATCTCTGGGCTTGATCTTGCAGTACTCTGCACAGACACACGC
ATCCTCTGAACCTCTATCTACTCTTGCATTTACTGTCAGAAATCCCTGGCCGTGGCAGCTGTTGTTAC
CTTCTATGATGTATATCTGGTTCTGCAAGCGTTTATAATGACTACTGCAGTCTTTCTTGGCTTGACTGCC
TATACTCTACAATCAAAGAGAGATTTACCAAATTCGGAGCAGGGTTGTTTGTGGTTTGTGGATTTGT
GCTTGGCAGGATTCTGAAGCTGTTTTTACAGTGAGACGATGGAGCTGGTCTTGGCCTCTCTAGGCGC
CCTCCTCTTGTGGGTTTCATCTATGATACACTCGCTGATGCACAGACTCTCTCCGAAGAGTAC
GTGATCGCTGCCATCAGTCTACATGGATATCATCAACCTCTTCTGCACCTGTTGAAGTTTCTGGAAG
CAGTTAATAAAAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026617

Insert Size: 717 bp



[View online »](#)

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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_026617.3</u> , <u>NP_080893.1</u>
RefSeq Size:	808 bp
RefSeq ORF:	717 bp
Locus ID:	68212
UniProt ID:	<u>Q9DA39</u>
Cytogenetics:	10 D2
Gene Summary:	Anti-apoptotic protein which can inhibit apoptosis induced by intrinsic and extrinsic apoptotic stimuli. Can modulate both capacitative Ca ²⁺ entry and inositol 1,4,5-trisphosphate (IP3)-mediated Ca ²⁺ release (By similarity).[UniProtKB/Swiss-Prot Function]