

Product datasheet for MC206931

Tmbim1 (BC004752) Mouse Untagged Clone

Product data:

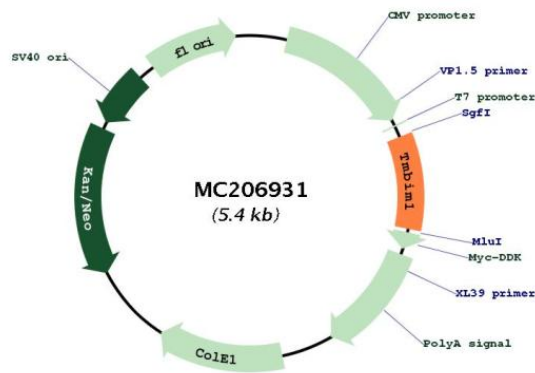
Product Type:	Expression Plasmids
Product Name:	Tmbim1 (BC004752) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmbim1
Synonyms:	mKIAA4161, Tmbib1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206931 representing BC004752. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCAATCCCAGTGCCCCACCTCCCTATGAGGACCACAACCCCTGTACCCTGGCTCTCCACCTCCT
GGTGGCTACGGGCAGCCATCTGTCTGCCAGGTGGTTATCCCGCCTACCCTGCCTACCCTCAACCTGGT
TACGGTCATCCTGCTGGTACCCACAGCCGGTTCCTCCCGTCCATCCAATGCCATGAACTACGGCCAT
GACTATAATGAAGAGGAGAGAGCAGGAAGTGACAGCTTTCGTCTGGAGAATGGGATGACCGAAAGTT
CGACATTCCTTCATCCAAAAGGTGATTGCATCATTTCTGTCCAGCTGCTCATCACTGTGGCCATCATT
GCAATCTCCACATGGTCTATGCAGCTCTGGGGCCATCTGTTTACCCTGTTCTGGCTTATGACACAC
AGCTGGTCTGGGAACCGGAAGCACACCATCAGCCCGGAGGACTACATCACAGGCGCCCTACAGATCT
ACACAGATATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: BC004752

Insert Size: 495 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:

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: [BC004752](#)

RefSeq Size: 1739 bp

RefSeq ORF: 494 bp

Locus ID: 69660

Cytogenetics: 1 C3

MW: 18.1 kDa

Gene Summary: Negatively regulates aortic matrix metalloproteinase-9 (MMP9) production and may play a protective role in vascular remodeling.[UniProtKB/Swiss-Prot Function]