

## Product datasheet for MC210977

### Tmbim1 (NM\_027154) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tmbim1 (NM_027154) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmbim1
Synonyms:	2310061B02Rik; AA960455; AU024746; C78899; mKIAA4161; RECS1; Tmbib1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210977 representing NM_027154 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCAATCCCAGTGCCCCACCTCCATGAGGACCACAACCCCTGTACCCTGGCTCTCCACCTCCTG  
GTGGCTACGGGCAGCCATCTGTCTGCCAGGTGGTTATCCCGCTACCCTGCCTACCCTCAACCTGGTTA  
CGGTCATCTGTGGCTACCCACAGCCGTTCCCTCCCGTCCATCCAATGCCATGAACTACGGCCATGAC  
TATAATGAAGAGGAGAGAGCAGGAAGTGACAGCTTTCGTCTGGAGAATGGGATGACCGGAAAGTTCGAC  
ATTCCTTCATCCAAAAGGTGATTGCATCATTTCTGTCCAGCTGCTCATCACTGTGGCCATCATTGCAAT  
CTTCACCTTTGTGGAACCACTCGGCAAATACGTGAGGAACAATGTGGCTGTGACTACGTGTCCTATGCT  
GTCTTCTTGTACCTACCTGACCCTTGCTGTGCCAGGGACCCAGGCGCCGATTCATGGAACATCA  
TCTTGCTCACCATCTTTACTTTGGCTTTGGGCTTTGTGACAGGCACTATTTCCAGTATGTATGAAACAA  
AGCTGTATCATAGCAATGATCATCACCGCTGTGGTATCCATCTCTGTCAACATCTTCTGCTTTAGACT  
AAGGTGGACTTACCTCGTGTACAGGCTTCTTGTGTGCTGGGAATAGTGTGATGGTGACCGGAATTG  
TCACAAGCATAGTGTGATCTTTAAATATATTTACTGGCTCCACATGGTCTATGCAGCTCTGGGGCCAT  
CTGTTTACCCTGTTCTGGCTTATGACACACAGCTGGTCTGGGAACCGGAAGCACACCATCAGCCCG  
GAGGACTACATCACAGGCGCCCTACAGATCTACACAGATATAGTCTATATCTTCACGTTCTGCTCCAGC  
TCGTAGGAAGTAGAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_027154
Insert Size:	930 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_027154.5</a> , <a href="#">NP_081430.3</a>
<b>RefSeq Size:</b>	2325 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	69660
<b>UniProt ID:</b>	<a href="#">Q8BJZ3</a>
<b>Cytogenetics:</b>	1 C3
<b>Gene Summary:</b>	Negatively regulates aortic matrix metalloproteinase-9 (MMP9) production and may play a protective role in vascular remodeling.[UniProtKB/Swiss-Prot Function]