

Product datasheet for **SC323712**

TMBIM1 (NM_022152) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TMBIM1
Synonyms:	LFG3; MST100; MSTP100; PPI201; RECS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:	>OriGene sequence for NM_022152.4 GCGCGGAGCCCCAGCCGAGCCTAGCCCTGCCCGGCCCCGGAGGACTTGCAACACTCCGAGGCCAGGAACGCTCCGTCTGGAACGGCGCAGGTCCCAGCAGCTGGGGTTCCTCCCTCAGCCC GTGAGCAGCCATGTCCAACCCAGCGCCCCACCACCATATGAAGACCGCAACCCCTGTA CCCAGGCCCTCTGCCCTTGGGGCTATGGGCAGCCATCTGCTCTGCCAGGAGGTATCC TGCTTACCCTGGCTACCCGAGCCTGGCTACGGTCACCTGCTGGTACCCACAGCCAT GCCCCCACCACCCGATGCCATGAACTACGGCCAGGCCATGGCTATGATGGGGAGGA GAGAGCGGTGAGTGATAGCTTCGGGCTGGAGAGTGGGATGACCGAAAAGTGCACACAC TTTTATCCGAAAGTTTACTCCATCATCTCCGTGCAGCTGCTCATCACTGTGGCCATCAT TGCTATCTTCACCTTTGTGGAACCTGTGAGCGCCTTTGTGAGGAGAAATGTGGCTGTCTA CTACGTGCTCTATGCTGTCTTCGTTGTACCTACCTGATCCTTGCTGCTGCCAGGGACC CAGACGCCGTTTCCCATGGAACATCATTCTGCTGACCTTTTTACTTTTGCCATGGGCTT CATGACGGGCACCATTTCCAGTATGTACCAAAACAAAGCCGTCATCATTGCAATGATCAT CACTGCGGTGGTATCCATTTCACTCACCATCTTCTGCTTTCAGACCAAGGTGGACTTCAC CTCGTGACAGGCCTCTTCTGTCTCTGGAAATGTGCTCTGGTGAAGTGGGATTGTAC TAGCATTGTGCTCTACTTCCAATACGTTTACTGGCTCCACATGCTCTATGCTGCTCTGGG GGCCATTTGTTTACCCTGTTCTGCTTACGACACACAGCTGGTCTGGGGAACCGGAA GCACACCATCAGCCCCGAGGACTACATCACTGGCGCCTGCAGATTACACAGACATCAT CTACATCTTCACCTTTGTGCTGCAGCTGATGGGGATCGCAATTAAGGAGCAAGCCCCCA TTTTACCCGATCCTGGGCTCTCCCTTCCAAGCTAGAGGGCTGGGCCCTATGACTGTGGT CTGGGCTTTAGGCCCTTTCTTCCCTTGAATACATGCCAGTTTCTTTCTGCTCTG GAGACAGGTGGCTCTCTGGCTATGGATGTGTGGTACTTGGTGGGACGGAGGAGCTAG GGACTAACTGTTGCTCTTGGTGGGCTTGGCAGGACTAGGCTGAAGATGTGCTTCTCCC CGCCACCTACTGTATGACACCACATCTTCTAACAGCTGGGGTGTGAGGAATATGAAA AGAGCCTATTGATAGCTAGAAGGGAATAGAAAGGTAGAAGTGACTTCAAGGTCACGAG GTTCCCTCCACCTCTGTACAGGCTTCTTGAAGTACGTAGTTGGAGCTATTTCTTCCC CAGCAAAGCCAGAGAGCTTTGTCCCGGCTCTGGACACATAGGCCATATCCTGTATT CCTTTGGCTTGGCATCTTTAGCTCAGGAAGGTAGAAGAGATCTGTGCCATGGGTCTCC TTGCTTCAATCCCTTCTTGTTCAGTGACATATGTATTGTTTATCTGGGTTAGGGATGGG GGACAGATAATAGAACGAGCAAAGTAACCTATACAGGCCAGCATGGAACAGCATCTCCCC TGGGCTTGCTCCTGGCTGTGACGCTATAAGACAGAGCAGGCCACATGTGGCCATCTGCT CCCCATTCTTGAAAGCTGCTGGGGCTCTTGCAGGCTTCTGGATCTCTGGTCAGAGTGA ACTCTTGCTTCTCTGATTACAGGCAGCTCAGAGCAGAAAGTAAGGGGCAGAGTCATACGTG TGGCCAGGAAGTAGCCAGGGTGAAGAGAGACTCGGTGCGGGCAGGAGAGATGCCTGGGG TCCCTCACCTGGCTAGGAGATACCGAAGCCTACTGTGGTACTGAAGACTTCTGGGTTCT TTCTTCTGCTAACCCAGGGAGGGTCTAAGAGGAAGTGACTTCTCTGTTTGTCTTA AGTTGCACTGGGGATTCTGACTTGAGGCCATCTCTCCAGCCAGCCACTGCCTTCTT GTAATATTAAGTGCTTGAAGTGAATGGGGAAGGGGACAAGGGTCAGTCTGTCGGGTG GGGGCAGAAATCAAATCAGCCCAAGGATATAGTTAGGATTAATTACTTAATAGAGAAATC CTAACTATATCACACAAAGGGATACAATAAATGTAATAAAATTTATGTCTAGAAGTT AAAAAAAAAAAAAAAAAAAA
Restriction Sites:	ECoRI-NOT
ACCN:	NM_022152
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_022152.4 , NP_071435.2
RefSeq Size:	2375 bp
RefSeq ORF:	936 bp
Locus ID:	64114
UniProt ID:	Q969X1
Cytogenetics:	2q35
Domains:	UPF0005
Protein Families:	Transmembrane
Gene Summary:	Negatively regulates aortic matrix metalloproteinase-9 (MMP9) production and may play a protective role in vascular remodeling.[UniProtKB/Swiss-Prot Function]