

## Product datasheet for **SC335083**

### TMBIM4 (NM\_001282606) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMBIM4 (NM_001282606) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMBIM4
Synonyms:	CGI-119; GAAP; LFG4; S1R; ZPRO
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282606, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGACCCCGACCCCGGTACCCTCGCTCCTCGATCGAGGACGACTTCAACTATGGCAGCAGCGTGG
CCTCCGCCACCGTGCACATCCGAATGGTTCTCCAGAGAGATTGTACCTTCAGCAAACAATATATGAGGAT
ACCTTCTGCACCCTCAGCCACACTGAATATCATCAGATTTTTTCATCTCCGGCAACTCTGGTAGATCAGGG
ATGGTGAACATTTTCTACAAAGGGCCAACCTTTCTGAGAAAAGTCTACAGCATTCTTTCTCTGCAGGTTC
TCTTAACACAGTGACTTCAACAGTTTTTTTATACTTTGAGTCTGTACGGACATTTGTACATGAGAGTCC
TGCCTTAATTTTGTGTTTGCCTCGGATCTCTGGTTTTGATTTTTGCGTTGATTTTAAACAGACATAAG
TATCCCTTAACCTGTACCTACTTTTTGGATTTACGCTGTTGGAAGCTCTGACTGTGGCAGTTGTTGTTA
CTTCTATGATGTATATATTCTGCAAGCTTTCATACTGACTACTACAGTATTTTTTGGTTTGACTGT
GTATACTCTACAATCTAAGAAGGATTTTCAGCAAATTTGGAGCAGGGCTGTTTGCTCTTTTGTGGATTTG
TGCCTGTCAGGATTCTTGAAGTTTTTTTTTATAGTGAGATAATGGAGTTGGTCTTAGCCGCTGCAGGAG
CCCTTCTTTTCTGTGGATTCATCATCTATGACACACACTCACTGATGCATAAACTGTCACCTGAAGAGTA
CGTATTAGCTGCCATCAGCCTCTACTTGGATATCATCAATCTATTCTGCACCTGTTACGGTTTTCTGGAA
GCAGTTAATAAAAAGTAA
  
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282606
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).



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<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>	<u>NM_001282606.1, NP_001269535.1</u>
<b>RefSeq Size:</b>	2019 bp
<b>RefSeq ORF:</b>	858 bp
<b>Locus ID:</b>	51643
<b>UniProt ID:</b>	<u>Q9HC24</u>
<b>Cytogenetics:</b>	12q14.3
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>Anti-apoptotic protein which can inhibit apoptosis induced by intrinsic and extrinsic apoptotic stimuli. Can modulate both capacitative Ca<sup>2+</sup> entry and inositol 1,4,5-trisphosphate (IP3)-mediated Ca<sup>2+</sup> release.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>