

Product datasheet for **SC322543**

TMEM86B (NM_173804) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM86B (NM_173804) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM86B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322543
 CCTGGTCACCCATTGAAGCAGTGTGGTGGAGCCCTGAGGGCTTGGTGGGGTTGAG
 CAGAATGAGGAAAGTTTCATGGAGCAGGGAGGGAGACGGCTAGGGCAGCAAGTGAAGGA
 CAGACTCGCCTTCCCATCCCTCCAGGGGCACTCCTGCCAGCCAGCCCCTCTCCCGTTCC
 CATGATGGGGTGGCTGTTGGAATTCTGCACCCCATCTTCTGATTGTTGGGGCCAGGA
 CAAGGGGACAGGCATTTGTGGCCCTAACCTCCCCAGGCAGATAGGAGGAGGAAGCCATGT
 CCCAGCAGGCTAGGGCAGAGGGACCCCCAGTGCCAACAGTGCTTTATCAGCGGGCCAG
 GCAGGGCCATCCCAGGGTGAGGACAACATCTCCCTGGGCCCTGTTATCAGTCACAGAGT
 CCACAGGACGCTCCTTGGGTTAACGTGTAACCATGAGCCCTCCCCTCCACCCCCTGAAGC
 CACTCGCTCCCAGATTAGGTCGCTCTGGGGCTATCAGGCCAGCATGGACGCTGGCAAAGC
 GGGGCAGACCCTGAAGACTACTGCTCAGCCCAGCGCCAGATGTCTGCAGGTGGCTGAG
 CCCCTTACCTCTCCTGCTGCGTGTACTTCTGCCTCTGGATTCCCAGGACCAGCTGTC
 CTGGTTCGCTGCCCTGGTCAAGTGCCTGCCTGCCTCTGCCTGGCTGGGTTCTGTGGGT
 CATGTCCCAAGCGGGGGCTACACCCAGCTCCTCAGGGAGCCCTTGTGTCTCGGCTGT
 GGGGACGCTTGCCTCATCTGGCCGGCAGCCTTCGTCCCTGGCATGGCCGCTTTGCCAC
 CGCCACCTCCTCTACGTCTGGGCCTTCGGCTTCTCTCCCTGCAGCCCGCCTGTCTGT
 GCTCATATCCTGGCCCCTGGCCCCTACCTCAGCCTTGTGCTCCAGCACCTCGAGCCGGA
 TATGGTCTGCCGGTGGCAGCCTATGGGCTGATCCTGATGGCCATGCTGTGGCGCGGCT
 GGCCAGGGCGGGAGTGCCGGCTGGGGCGCGCTGCTTTCACGCTCTCTGATGGCGTGT
 GGCTGGGACACCTTCGCCCAGCCCCTGCCCATGCCCGCTGGTGATCATGACCACCTA
 CTATGTGCCAGCTCCTCATCACTGTGAGCCCTCAGGAGCCCGGTGCCAAGACTGA
 CTGACTAGGGAGCTTGAAGGGCCGGTGTTCAGGCCCTCTCCTCTGCAAGGACCTGGGCC
 TCCCAGCCAGCCAGCCTGAGAAATACCCTCAGCAGCGAAGCTTCTGACGCCTGTCTG
 CAGGCGCTGCTGCCGCCGTCGCTTCTGGCTGAAGACGTTTGAGGACGATTGCGGAATTC
 CAAGTCCACTACTGGGTTCCAGCTGCCTTCCCCGGTTCTGACTCCAGATCCCTGGCTCC
 TCAGCCAGGCCACATGGAGCCCTCCCAGCCACCAGCCTGCCTCCATGTTCACTGTGCGC
 CCCACAGCCTGCCCGCCCCTGTGCTGCTCTGAATCCGTTTTCCCTGTGGGTGTGGAAC
 CGTAGATGTTGCTTTACCGTAGGAGAGGCCTCGGGGAGGGTCATCATTGTGATAAACCA
 TCGCGGTTAATGACAGCAGAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_173804

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:	<ol style="list-style-type: none">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:	NM_173804.3 , NP_776165.2
RefSeq Size:	1654 bp
RefSeq ORF:	681 bp
Locus ID:	255043
UniProt ID:	Q8N661
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Enzyme catalyzing the degradation of lysoplasmalogen. Lysoplasmalogens are formed by the hydrolysis of the abundant membrane glycerophospholipids plasmalogens. May control the respective levels of plasmalogens and lysoplasmalogens in cells and modulate cell membrane properties.[UniProtKB/Swiss-Prot Function]