

Product datasheet for MC200169

Tmem189 (NM_145538) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem189 (NM_145538) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem189
Synonyms:	A1840826; Kua
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002270 sequence for NM_145538
 CCCACGCTCCGCAGGCAGAGCGCAGCGGGCCGGGCGAGCGGCCATGGCGGGCCGAGGACGCGC
 CGGGCCGGCAGCCGGAGCTGGACGAGGACGAGACGGCGGAGGGCCGGCGTGGGGCCACAGCACGGGG
 AGCCCGTGAGCTGGCGGGCTTTACTCGCCAGGCAAGCGCTTCCAGGAGTGGTGTTCCTGATCCTCTGT
 TTCAGTCTCATCGCCACAACCTTGGTCCACCTCCTGCTGCTGGCCGCTGGGAGCACACACCCCTCGTGA
 TCCTGGGTGTCGTTGCAGGGGCTCTCGTCGCTGACTTCCTGTCCGGCCTGGTACATTGGGGTGTGATAC
 ATGGGGTCTGTGGACCTGCCATTGTCCGGAAGGCCTTCATCCGGCCATTCCGGGAGCACCACATTGAC
 CCCACAGCCATCACAAGGCATGACTTCATCGAGACCAATGGGGACAACCTGCCTGGTCACGCTGTGCCAC
 TGCTAAACATGGCCTACAAGTCCGGACCCAGAGCCAGAGACCTGGAGCAGCTGTACCCTTGGGAATG
 CTTCTGCTTCTGTCTGACCATCTTTGGCACCTTACCAACCAGATCCACAAGTGGTCACACACATACTTA
 GGGCTGCCATACTGGGTACCCGTCCTGCAGGACTGGCACGTGATCCTACCACGGAACACCATCGCATCC
 ACCACGTGGCGCCACGAAACATACTTCTGTATCACCACAGGCTGGCTCAACTACCCCTAGAGGTTAT
 AGGCTTCTGGCGGCCTGGAGGATCTCATCCAAGGCCTGACGGGTGAGAAGCCGAGAGCGGACGACATG
 AAATGGGCACAGAAGATCAAGTAGCATGTCTGGACTCTTGGTCGCCAACCTTCCCAAACCTGAACTGAAG
 CCATCTGCCAAATCCCGGCGTCTCTGAGCTACCCTCCAGTGAAGAGAAGTCCCCTGGGCTGGGCCGGGC
 ACCCCTAGCCACCCAGTGACACAGAATACTTGAGCCACCCACTTTTCATTTCTCTCTCTTTCT
 TTCCTTGGGCCTTCTGGCCACTGAGCTGCTCCGAGGCCAAGCCTGACTGCAGACGGGAGCCAGTCCGT
 CTGGCCAGCCCCACCCTATGCATCTGCTCTGCACGCTGCTCCCTGGGCCGATGTAGGGTCACAGACAAC
 AAGTGGTCTGTCTCGGTGACCCAGAGAGCCCCAGAACACGTAATGTCCCTGGATCATGATTCTCCCTC
 AGCCCTGTAGACAGACCCAGAGGCTAGGTGGGTGGGTACCCAGCTGCCACCAAGGGAGGCAGAGC
 TGGGCAAAGGTCAGGGGCAAGCTGTCAAGGAGAGGCCATGATGCCCCGCCACTCTCGGATACTCTCCT
 TTCCCCTAGTTCTCCTGTCCATGTGTCCAGCCACTTCTGAGGTCTCCCTGCAGAGACATCTTCATGGGCA
 CAGCTCTGTGAAGGGCTTGGTCATCTGGGGAAGGGACACTGTGTCCCTTCTGGCCAGTGTGCAGAGGA
 AGAAGAATAAGGCTTTTTTATTCGATTTTTTTAAAGGTGCTTGTCAATGTAATAATAGAAAGC
 CTTAATATCTTTCTGTAACATGGAGTAATTTTTAATGTCATGTTTTGGATGTATATAATATTTATAA
 CAGAGGAAGCATCTCTTCAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_145538
Insert Size:	816 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:	<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:	<u>BC002270</u> , <u>AAH02270</u>
RefSeq Size:	1715 bp
RefSeq ORF:	816 bp
Locus ID:	407243
UniProt ID:	<u>Q99LQ7</u>
Cytogenetics:	2 H3
Gene Summary:	Plasmanylethanolamine desaturase involved in plasmalogen biogenesis in the endoplasmic reticulum membrane. Plasmalogens are glycerophospholipids with a hydrocarbon chain linked by a vinyl ether bond at the glycerol sn-1 position, and are involved in antioxidative and signaling mechanisms.[UniProtKB/Swiss-Prot Function]