

Product datasheet for **MC200614**

Tmem159 (NM_145586) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem159 (NM_145586) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem159
Synonyms: 8430420C20Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC006689 sequence for NM_145586
AATCAGGCCTGCGTCCCTTCTTGCTTCCCTTCCACTTCGCTTTGCGCCCTCTGTGGCTGCAGGGCGGGGT
TTCGCGGCAGCCAGCACCCAGCGATAGCAAGAGACGGGGGACATGAGAGATTGGGCTACGTACTACAGTA
ATGCATTTCTGGTAGAGAGTTTACTCTAGAGTGAGACTGACAGACATTTCAAGATGGCCAAAGAAGAGC
CCCCGAGTGTCTCCAGAGACTTACAGGAGCTGCAAGGAAGCTGGGTTTGTCTGTTAGAGTCTTCTCGAA
TAACTCAAAGGTGGTGCCTTTATGAAGTCCCCGGTGGGCGGTTCTGGACAGACATCCTTTGTGACT
CTCACCGTGTGATGTTTGTACCATGTCAGCCATCCCTGTTGGCTTCTCTGCTCATCGTGGTGTCTCA
CCTCGTGGTGTCTCATGGGGCCATATTATTGGAAGGTCTGGTCATCTCAGTTTGTGGTCTCTCACT
TCTCTGCTCCTCTGTGGCTGGGCTTCTGTCACTTGCCTTGTGGGGATAGCCATGATGTCCTATGTG
GTGGTCTCTGCTCATGAGCTACTGGTTTTCTCCAGCAGGCCACTGACACAGCAAAATGCCAACGTGC
ACTGTCAGCTGGCTATGAAGTTCACGGAGTCTGAGAGGCTCATATTTGAGAGGCATGACCGGGAATGAC
GGGCAAAATGGAATCAAAGATGGCTTCTAAGCACCCAGAGGAGAGCTTGTCCCTCACCTCTCAGGACT
GCAGGGCAGAGAGAGGGCTGGATGGGAGCCCTGCTTCTCTGCTCACTGTGTCCAGACTCCTGCAGTGGCC
AGCGTGGCCTCCCCACCCTCACGGCTCCCCAGTATGCAGCCTTGACCTTAGCAGAGTGGTGGGCTGCTA
GAACTTGGAAAGCTTGGCCTTTAGAGCCTTGAGGTTGAGTCCCAGAGCCCATCTGCGGCTAAGATAGATTG
TATTTGAAGTTTGTGAGTCTGGGGCAGGGCAGGGATGAAGAGGACGGGTTTTCTCCAGTCATTTGA
AATAAGAGGTTAAAAAATAATCCAAAGGAGCCAGTCTTACTGTTTTGTTTTGTTTTTATCAGAAGA
GCATCAGCATTTGGAAATGGTGGCCTTTAAAACCTGAAAATCTGTCTTAAACCCTGCAGCCAGGAGTCTT
TAGGAAACATCTCAAGGCCTAGTCTATTGCATGCCTTGATCTTTGACATATTTGCACCTTGATATGTTAA
TATTGTTTAAAGAGCTTGTCTGCAAGCCATTTCTTAAACAAACCAATAAAACCGAACACATACTGAAG
AAAGACTACAAAGCAAACAGAGCCTGTGCGATGATTTCCACTTCATTTACTGTGGTATTTTATTAATA
TTTATTTGCTTAAAAAATAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_145586
Insert Size: 486 bp



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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:	BC006689 , AAH06689
RefSeq Size:	1427 bp
RefSeq ORF:	486 bp
Locus ID:	233806
UniProt ID:	Q922Z1
Cytogenetics:	7 F2
Gene Summary:	Plays an important role in the formation of lipid droplets (LD) which are storage organelles at the center of lipid and energy homeostasis (By similarity). In association with BSCL2/seipin, defines the sites of LD formation in the endoplasmic reticulum (By similarity). [UniProtKB/Swiss-Prot Function]