

Product datasheet for **RN207653**

Tmem159 (NM_194354) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem159 (NM_194354) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmem159
Synonyms: Tmem159
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207653 representing NM_194354
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGAGGAAGAGCCCCGAGTGTCTCCAGAGACTTACAGGAGCTGCAGAGGAAGCTGGGTTTGCTGT
TAGAGTCTTTCCAGAATAACTCAAAGGTGGTTGCCTTTATGAAGTCCCCAGTGGGCCGGTTCCTGGACAG
GCATCCGTTCTGGTTCTCACCGTGTGATGTTTGTACCATGTCAGCCATCCCTGTTGGTTTCTCCTG
CTCATCGTGGTGCTCACCTCCCTGGGTGCTCTTATGGGGCCATATTACTGGAAGGCCTGGTCATCTCTG
TTTGTGGTCTCTCACTGCTCTGCATCCTCTGTGGCCTGGGCTTCGTATCGCTTGCCTTGTCAGGGATAAC
CATGATGTCTATGTGGTGGTCTCCTGCCTCATGAGCTACTGGTTTTCTCCAAGCAGGCCACCAACACAG
CAACATGCCAACATCGACTCTCAGCTGGCTATGAAGTTCACAGAGTCTGAGAAGCTTGGCCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_194354
Insert Size: 486 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).



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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>NM_194354.2, NP_919335.2</u>
RefSeq Size:	1397 bp
RefSeq ORF:	486 bp
Locus ID:	378467
UniProt ID:	<u>Q6UK00</u>
Cytogenetics:	1q36
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]