

Product datasheet for **SC334073**

TMEM159 (NM_001301769) Human Untagged Clone

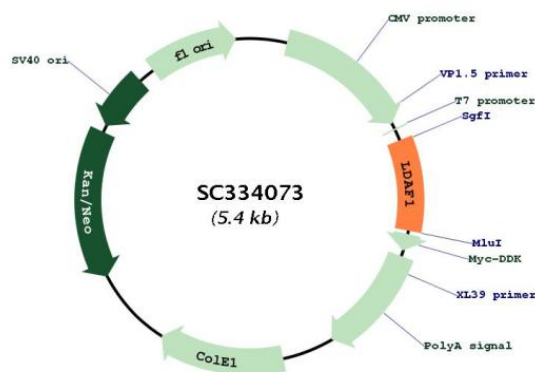
Product data:

Product Type: Expression Plasmids
Product Name: TMEM159 (NM_001301769) Human Untagged Clone
Tag: Tag Free
Symbol: TMEM159
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC334073 representing NM_001301769.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCAAAGAGGAGCCCCAGAGTATCTCAAGGGACTTGCAGGAAGCTGCAGAAGAAGCTGTCTCTGCTG
ATAGACTCCTTCCAGAATAACTCAAAGTGGTGGCCTTTATGAAGTCTCCAGTGGGTCAGTACTTGGAC
AGCCATCCGTTTCTGGCCTTACCTTGTCTGGTGTTCATTGTTCATGTCGGCCGTTCTCTGTTGGATTCTTC
CTGCTCATCGTGGTGCTTACCACCCTGGCTGCTCTGCTGGGGTGCATAATATTGGAAGGATTGGTCATC
TCTGTGGTGGCTTCTCACTGCTCTGCATCCTCTGTGGTTTGGGCTTCGTATCACTCGCCATGTCGGGG
ATGATGATAGCATCTTATGTAGTGGTCTCCAGCCTCATCAGCTGCTGGTTTCTCCAGGCCACTGACA
CAGCAAAACACCAGTTGTGACTTCTGCCAGCCATGAAGTCTGCAGAATTCGAGGGGCTTTACCAGGAA
TGA
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001301769



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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).
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_001301769.1
RefSeq Size:	2072 bp
RefSeq ORF:	486 bp
Locus ID:	57146
UniProt ID:	Q96B96
Cytogenetics:	16p12.3
Protein Families:	Transmembrane
MW:	17.5 kDa
Gene Summary:	<p>Plays an important role in the formation of lipid droplets (LD) which are storage organelles at the center of lipid and energy homeostasis (PubMed:31708432). In association with BSCL2/seipin, defines the sites of LD formation in the endoplasmic reticulum (PubMed:31708432).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate exon in the 5' UTR and lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Variants 2, 3, and 4 all encode the same isoform (2).</p>