

Product datasheet for **SC329396**

TMEM127 (NM_001193304) Human Untagged Clone

Product data:

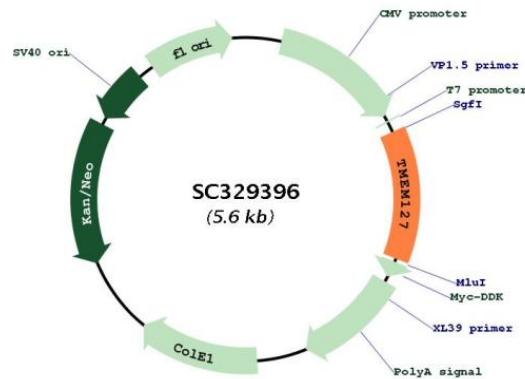
Product Type: Expression Plasmids
Product Name: TMEM127 (NM_001193304) Human Untagged Clone
Tag: Tag Free
Symbol: TMEM127
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329396 representing NM_001193304.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTACGCCCCGGAGGCGCAGGGCTGCCCGCGGGCGCCGGGAGGAGCCCCGGGAGGCAGCGCTCTG
CCCAAGCAGCCGGAGCGTAGCCTGGCCTCGGCCCTGCCTGGCGCCCTGTCTATCACGGCGCTGTGCACT
GCCCTCGCCGAGCCCGCCTGGTTGCACATCCACGGAGGCACCTGTTCCGCGCCAGGAGCTGGGGGTCTCC
GACGTGTTGGGCTATGTGCACCCGGACCTGCTGAAAGATTTCTGCATGAATCCCCAGACAGTGCTGCTC
CTGCGGGTCATCGCCGCCTTCTGTTTCTGGGCATCCTGTGTAGTCTCTCCGCTTTCCTTCTGGATGTC
TTTGGCCGAAGCATCCTGCTCTGAAGATCACTCGTCTGCTATGCCTTCGCCCATATCCTAACGGTTCTG
CAGTGTGCCACCGTCATTGGCTTTTCTTATTGGGCTTCTGAACTCATCTTGGCCCAGCAGCAGCAGCAT
AAGAAGTACCATGGATCCCAGGTCTATGTACCTTCGCCGTTAGCTTCTACCTGGTGGCAGGAGCTGGT
GGAGCCTCAATCCTGGCCACGGCAGCCAACCTCCTGCGCCACTACCCACAGAGGAAGAGGAGCAGGCG
CTGGAGCTGCTCTCAGAGATGGAAGAGAACGAGCCCTACCCGGCGGAATATGAGGTCAACACAGTTTC
CAGCCACCCCTGCTTACACACCC
```

Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001193304

Insert Size: 717 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:

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_001193304.2](#)

RefSeq Size: 4570 bp

RefSeq ORF: 717 bp

Locus ID: 55654

UniProt ID: [O75204](#)

Cytogenetics: 2q11.2

Protein Families: Transmembrane

MW: 25.8 kDa

Gene Summary: This gene encodes a transmembrane protein with 3 predicted transmembrane domains. The protein is associated with a subpopulation of vesicular organelles corresponding to early endosomal structures, with the Golgi, and with lysosomes, and may participate in protein trafficking between these structures. Mutations in this gene and several other genes cause pheochromocytomas. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Aug 2010]

Transcript Variant: This variant (2) has an alternate splice site, resulting in a shorter 5' UTR, as compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.