

## Product datasheet for **SC113895**

### **TMEM127 (NM\_017849) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TMEM127 (NM\_017849) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TMEM127  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Fully Sequenced ORF:** >OriGene ORF within SC113895 sequence for NM\_017849 edited (data generated by NextGen Sequencing)

```
ATGTACGCCCCCGGAGGCGCAGGGCTGCCCGCGGGCGCCGGCGGAGAGCCCGGGAGGC
AGCGCTCTGCCCAAGCAGCCGGAGCGTAGCCTGGCCTCGGCCCTGCCTGGCGCCCTGTCT
ATCACGGCGCTGTGCACTGCCCTCGCCGAGCCCGCTGGTTGCACATCCACGGAGGCACC
TGTTTCGCGCCAGGAGCTGGGGTCTCCGACGTGTTGGGCTATGTGCACCCGGACCTGCTG
AAAGATTTCTGCATGAATCCCCAGACAGTGCTGCTCCTGCGGGTCATCGCCGCTTCTGT
TTCCTGGGCATCCTGTGTAGTCTCTCCGCTTTCCTTCTGGATGTCTTGGGCCGAAGCAT
CCTGCTCTGAAGTCACTCGTCGCTATGCCTTCGCCATATCCTAACGGTTCTGCAGTGT
GCCACCGTCATTGGCTTTTCTTATTGGGCTTCTGAACTCATCTTGGCCCAGCAGCAGCAG
CATAAGAAGTACCATGGATCCCAGGTCTATGTCACCTTCGCCGTTAGCTTCTACCTGGTG
GCAGGAGCTGGTGGGCCCTCAATCCTGGCCACGGCAGCCAACCTCCTGCGCCACTACCCC
ACAGAGGAAGAGGAGCAGGCACTGGAGCTGCTCTCAGAGATGGAAGAGAACGAGCCCTAC
CCGGCGGAATATGAGGTCATCAACCAGTTCAGCCACCCCTGCTTACACACCCTAA
```

Clone variation with respect to NM\_017849.3  
621 g=>a



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_017849 unedited  AGTCAAATTTTGTATACGACTCATATAGGCGGCCGCAATTCGGCACGAGGCGGGTCTGT  CCGGGCGTTGCGGGATTGGGGCTGGGAACGCTCGGCCCCGGCAGCCGAGAAGCCCGTG  ACTGGGCTGAGCAGCACCATCCCAGCCCTGGGGCTGCTGACTGCGAACCCGGAGCGTTG  CTATCCTCCACCGACTGTCAGGCTCTGCGCGCCCGCGGAGGTGGCGGCGACCAGCAG  CGACTGCGGAGCGACGGCGGGCGCCCGGGCATGTACGCCCCGGAGGGCGAGGGCTGC  CCGGCGGGCGCCGGCGGAGGAGCCGGGAGGCAGCGCTTGCCCAAGCAGCCGGAGCGTA  GCCTGGCCTCGGCCCTGCCTGGCGCCCTGTCTATCACGGCGCTGTGCACTGCCCTCGCCG  AGCCCGCCTGGTTGCACATCCACGGAGGCACCTGTTGCGGCCAGGAGCTGGGGTCTCCG  ACGTGTTGGGCTATGTGCACCCGGACCTGCTGAAAGATTCTGCATGAATCCCAGACAG  TGCTGCTCCTGCGGGTACGCGCCCTTCTGTTTCTGGGCATCCTGTGTAGTCTCTCCG  CTTTCCTTCTGGATGTCTTTGGGCCGAAGCATCCTGCTCTGAAGTCACTCGTCTGATG  CCTTCGCCATATCCTAACGGTTCAGTGTGCCACCGTCATTGGCTTTTCTTATTGGG  CTTCTGAACTCATCTTGGCCAGCAGCAGCAGCATAAGAAGTACCATGGATCCCAGGTCT  ATGTCACCTNTCGCCGTTAGCTTCTACCTGGTGGCANGAGCTGGTGGAGCCTCAATCTGG  CCACGGCAGCCAACCTCCTGCGCCACTACCCACAGAGGAAGAGCANGCACTGGAGCTG  CTCTCAGAGATGGAAGAGAACGANGCCTACCGA</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_017849 unedited  CGCTCTTTACAGCCGAGTTTTTTTTTTTTTTTTTCCATTCTTATTCGTGGTTTCTGGTT  TTTTTGGTTTTGCTTTCCCTTTTAAATTTTTTTCTAGAAAAAAAAACAACCCGGGGCAA  TTTATATGACAACTATCAGTGTGAGGATGGCACAGGAAAGAGAAAGCAAGAGGAAGGC  CAAAGACATGGGAGTGAATAAAAAGTGGTCCCGGATCGCGGGAACACCCACAGGGT  CATGTACAGGTCTCAGGAGATGACCAGCCCTTTGGCATGCAAGCCAGCGCCTGCTTT  TCTGGTTTGCCTGCTCAGACACCCAAGGCACAGAGAGTTGCCTACAAGCAAACTTGCCA  ATGACAAACTCAGGACTTACCAGAAAGACTTAGTTCAGTTCCTTGCTTTGTGCTCAGGT  ATCACATACCAGCCAGCCTGCAGTCTTTTTTGCCTGACACAAGAGCCAGACCAGCAGGA  GAGCCCCCTTTGAACACATTCTGTATCCACAGTGTGAACTGCAAGTAGCCACTGGCTC  GTGTGCAGATGCGCCCTCACCACCCATGCAGGCATCCGTCTGGACATCCCAGTCAATT  TGGCCAAAGGACGGTACATGACCGCCTCTTTCTAGCCACAGGTTTATAGTGTGCCATT  TTCCACGCTGGCTCAAATATCTATTACCTTTAAAGCNTGAAGAGCTTTGCCATACATT  TCCCTTTTAGTTCACCACGGGCCCTGATTCTTAACAGCCGTTTTCTACAGGGCCGCTC  TGCCCATCCTGAACCACACTGAAGGGTTTCAGGCTCTTCCACTTCGCTCCATCCCAGT  CAAAAACCTCCCCCTACCCATACACCACGCCCCACATACGTGGCTGTCTTCAACCCTTCT  CCCCCTCAATCCTATCCCCAAAAGCGCTTGTCTCCCCTCTTTCCCCTCCCACACTTC  TTCTTCTGTCTCCTTACACCACATCCCTCACCTACCTATTG</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_017849
<b>Insert Size:</b>	3240 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017849.1</a> , <a href="#">NP_060319.1</a>
<b>RefSeq Size:</b>	4223 bp
<b>RefSeq ORF:</b>	717 bp
<b>Locus ID:</b>	55654
<b>UniProt ID:</b>	<a href="#">O75204</a>
<b>Cytogenetics:</b>	2q11.2
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) is the longer transcript. 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.</p>