

Product datasheet for **SC108269**

TMEM87A (NM_015497) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM87A (NM_015497) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM87A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_015497, the custom clone sequence may differ by one or more nucleotides

```
ATGGCGGGCGGCTGCGTGGCTTCAGGTGTTGCCTGTCATTCTTCTGCTTCTGGGAGCTCACCCTGACAC
TGTCGTTTTTCAGTGCGGGACCGCAACCGTAGCTGCTGCCGACCGGTCCAAATGGCAGATTCCGATACC
GTCGGGGAAAAATTATTTTAGTTTTGGAAAGATCCTCTTCAGAAATACCACTATCTTCTGAAGTTTGAT
GGAGAACCTTGTGACCTGTCTTTGAATATAACCTGGTATCTGAAAAGCGCTGATTGTTACAATGAAATCT
ATAACTTCAAGGCAGAAGAAGTAGAGTTGTATTTGGAAAACTTAAGAAAAAGAGGCTTGTCTGGGAA
ATATCAACATCATCAAAATTGTTCCAGAACTGCAGTGAAGTCTTTAAACACAGACCTTTTCTGGAGAT
TTTATGCATCGACTGCCTCTTTAGGAGAAAAACAGGAGGCTAAGGAGAAATGGAACAACTTACCTTTA
TTGGAGACAAAACCGCAATGCATGAACCATGCAAACTTGGCAAGATGCACCATACATTTTTATTGTACA
TATTGGCATTTCATCCTCAAAGGAATCATCAAAAGAAAATTCAGTGAATATCTTTTACCATGACTGTT
GAAGTGAAGGGTCCCTATGAATACCTCACACTTGAAGACTATCCCTTGATGATTTTTTTCATGGTGTGT
GTATTGTATATGCTGTTTGGTGTCTGTGGCTGGCATGGTCTGCTGCTACTGGAGAGATCTCCTGAG
AATTCAAGTTTTGGATTGGTGTGTCTCTCTGGGAATGCTTGAGAAAGCTGTCTTCTATGCGGAATTT
CAGAATATCCGATACAAAGGAGAATCTGTCCAGGGTGTCTTGATCCTTGAGAGCTGCTTTCAGCAGTGA
AACGCTCACTGGCTCGAACCTGGTTCATCATAGTCAGTCTGGGATATGGCATCGTCAAGCCACGCTTGG
AGTCACTCTTCATAAGGTTGTAGTAGCAGGAGCCCTCTATCTTTTGTCTCTGGCATGGAAGGGTCCCTC
AGAGTTACTGGGGCCAGACTGATCTTGCTTCTTGCCCTTTATCCCCTTGGCTTTCCTAGACACTGCCT
TGTGCTGGTGGATATTTATAGCCTGACTCAACAATGAAGCTATTAAACTTCGGAGGAACATTGTAA
ACTCTCTTTGTATCGGCATTTACCAACACGCTTATTTTGGCAGTGGCAGCATCCATTGTGTTTATCATC
TGGACAACCATGAAGTTCAGAAATAGTGACATGTGAGTGGAGCTGGCGGGAGCTGTGGGTAGACGATGCCA
TCTGGCGCTTGTCTTCCATGATCCTCTTTGTGTCATCATGGTTCTCTGGCGACCATCTGCAAAACACCA
GAGGTTTTGCCTTTTACCATTGTCTGAGGAAGAGGAGGAGGATGAACAAAAGGAGCCTATGCTGAAAGAA
AGCTTTGAAGGAATGAAAATGAGAAGTACCAACAAGAACCCTTGAAGTAAAGTTAAACAAAGCAC
AGGAAGATGATTTGAAGTGGGTAGAAGAGAATGTTCTTCTTCTGTGACAGATGTAGCACTTCCAGCCCT
TCTGGATTGAGATGAGGAACGAATGATCACACACTTTGAAAGGTCCAAATGGAGTAA
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015497 unedited

```
CCATTTCTAATTCGACTCACTATAGGGCGGCCGTCGAATTCGCACGAGGCGAACCGGAAG
AGGGTGAAATGCTTTCGGTAGGCACTCCACGGCTGTGAAGATGGCGGCGGCTGCGTGGCT
TCAGGTGTTGCCTGTCTTCTTCTGCTTCTGGGAGCTCACCCTGACCACTGTGTTTTT
CAGTGCGGGACCGCAACCGTAGCTGCTGCCGACCGGTCCAAATGGCAGATTCCGATACC
GTCGGGGAAAAATTATTTTAGTTTTGGAAAGATCCTCTTCAGAAATACCACTATCTTCT
GAAGTTTGATGGAGAACCTTGTGACCTGTCTTTGAATATAACCTGGTATCTGAAAAGCGC
TGATTGTTACAATGAAATCTATAACTTCAAGGCAGAAGAAGTAGAGTTGTATTTGAAAA
ACTTAAGGAAAAAGAGGCTTGTCTGGGAAATATCAACATCATCAAAATTGTTCCAGAA
CTGCAGTGAACTCTTTAAACACAGACCTTTTCTGGAGATTTTATGCATCGACTGCCTCT
TTTAGGAGAAAAACAGGAGGCTAAGGAGAATGGAACAACTTACCTTTATTGGAGACAA
AACCGCAATGCATGAACCATGCAAACTTGGCAAGATGCACCATACATTTTTTATTGTAC
ATATTGGCATTTCATCCTCAAAGGAATCATCAAAAGAAATTCAGTGAATATCTTTTAC
CATGACTGTTGAAGTGAAGGGTCTATGAATACCTCACACTTGAAGACTATCCCTTTGAG
ATTTTTTTCATGGNAGTGTATTGGATATGCTGTTTGGCGTTCTGTGGCTGGCATGA
CCTGCCTGCTCCTGGAGAGACTCCTGAAAN
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015497 unedited <pre> ACCGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGATCTTGATAGAACTA TGGCTCCTTAACCTCAGAAAGGGCCCTTTTTCTCAAAACAACCTCTGCAAGATGTAACTT GACTTCCCAGGAAATGAAAGGTAGTTAACAATTTCCCCATCACCTATGTAATCCCTA AATAAATAAAATTACAGGCAGTTGCTCCTGGAGATTACATATTATGGTGTTGATGACAA TCTTTTAGAAGACGTTAACTTTTTAGTTTGTGAGATTTAAAAATGAAACATTACAGAA AGTTCAGGAACAACACTTAAGTTGCATGAACATCCATGTCAGAGTCTGGGAGGAAAGG GGGCAGCAGTGTTGTAATAAGAAGCTCGTAGATTTTTCTCATCTTATGAACTTGTTTTT AGTAAGATGTTCTCTTTGTTCTGACACCTCTCGCCAACCTCCAATGCCAAAGATCAAGGA ACAGATCAGGATGTCATTGCTTCTTTAATCCCATGGAGCCGTACAGAAGACTGACACAG ATGCTGATCTCTCCCTGATGGTAGCCATCTTTAACTGCAAACTCTCCCATTCCTTACTC CATTTTGGACCTTCAAAGTGTGTGATCATTGTTCTCATCTGAATCCAGAAGGGCTGG AAGTGCTACATCTGTACAGAAGAAGGAACATTCTTCTACCCACTTCAAATCATCTTC CTGTGCTTTGTTACTNTACTATNTCCATTGGGTTCTGNTNGNACTCCTCATTTCATTCC TCAAAGCTTCTTTCACATAGGCTCTTTGGTATCCTCCTCTTCTCAGACATGTGAANA GCAACCTCTGTTGTTGCANATGTCGAAAAACCTGAGACAAGAGATCATGAGACGCAGCC CAAATGAATGTTACCCANTCCGCAGTCGATGATGTACTTTTGACTTATGTGGCGAGATAC CATGATGCGCCTGCAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_015497
Insert Size:	2340 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:	<u>NM_015497.2</u> , <u>NP_056312.2</u>
RefSeq Size:	2875 bp
RefSeq ORF:	1668 bp
Locus ID:	25963
UniProt ID:	<u>Q8NBN3</u>
Cytogenetics:	15q15.1
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

May be involved in retrograde transport from endosomes to the trans-Golgi network (TGN).
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).