

Product datasheet for **SC117689**

TMEM11 (NM_003876) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM11 (NM_003876) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM11
Synonyms:	C17orf35; PM1; PMI
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003876, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGCTTGGGGAAGGAGGCGTCTTGGCCCGGCAGCAGTGGCGGCAGCGCCGAGAGAGGGTGAGCT
TGTCGGCCACAGACTGCTACATTGTGCATGAGATCTACAATGGGGAGAATGCCCAAGACCAGTTTGAGTA
CGAGCTGGAGCAGGCCCTGGAAGCCCAGTACAAGTACATTGTGATTGAGCCCACTCGATTGGCGACGAG
ACAGCCCGCTGGATCACCGTGGCAACTGCCTGCACAAGACGGCCGTGCTGGCGGGCACCCTGCCTCT
TCACCCCGTTGGCGCTGCCCTTAGATTATCCCACTACATTTCCCTGCCCGCTGGTGTGCTGAGCCTGGC
CTGCTGCACCCTCTATGGGATCTCCTGGCAGTTTGACCCTTGCTGCAAGTACCAAGTGGAGTACGACGCC
TATAAACTGTGCGCCTGCCTCTGCACACACTCACCTCCTCCACCCCGGTGGTGTGCTGGTCCGGAAGGACG
ACCTGCACAGAAAGAGACTGCACAACACGATAGCACTGGCCGCCCTGGTGTACTGTGTAAGAAGATTTA
CGAACTCTATGCCGTATGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003876 unedited CCCCCGCCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAG AGCTCGTTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGCGAAT TCGGCACGAGGGCCGCTTGGGGAAGGAGGCGTCTTGGCCCGGCAGCAGTGGCGGCAGCG CCCGAGAGAGGGTGAGCTTGTGCGCCACAGACTGCTACATTGTGCATGAGATCTACAATG GGGAGAATGCCAAGACCAGTTTGTAGTACGAGCTGGAGCAGGCCCTGGAAGCCCAGTACA AGTACATTGTGATTGAGCCCACTCGCATTGGCGACGAGACAGCCCGCTGGATCACCGTGG GCAACTGCCTGCACAAGACGGCCGTGCTGGCGGGCACCGCTGCCTCTTACCCCGTTGG CGCTGCCCTTAGATTATCCCACTACATTTCCCTGCCCGCTGGTGTGCTGAGCCTGGCCT GCTGCACCCTCTATGGGATCTCCTGGCAGTTTGACCCCTTGTGNCAGTACCAAGTGGAGT ACGACGNCCTATAACTGTCGCGCCTGCCTCTGCACACACTCACCTCTCCACCCCGGTGG TGCTGGTCCGNAAGGGACGACTGCACAGANAGAGACTGCANCACACGATAGCACTGGCC GCCCTGGTGTACTGTGTAAGAAGATTTACGAAGTCTATGCCGTATGATTTTCAAGTANGAC AGGGAGCGAAGCANAACCACGGGCCACAGAGACAACAGAGTATTCAGATCGCCCACTC TGTGAGGCANCAACCTGGGCAGGTGTTGGGCTAATATTTNGTATTTTTAAATACAATCA CGGNTGTACCCAGTTTTTGTACTTACTTAGATGTGGATTCCCTACCANAGGGGGTCT GAGCTGTGAAATCCATGGCATGGATGCTATGGAGCAACCTGCCAAGGGTTTGACTGCTTG GGGAGTCTTAATTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_003876
Insert Size:	1200 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_003876.1 , NP_003867.1
RefSeq Size:	1211 bp
RefSeq ORF:	579 bp
Locus ID:	8834
UniProt ID:	P17152
Cytogenetics:	17p11.2
Protein Families:	Druggable Genome

Gene Summary:

Plays a role in mitochondrial morphogenesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the functional protein.