

Product datasheet for **SC107256**

TMEM26 (NM_178505) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM26 (NM_178505) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM26
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_178505, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGGACTGGTCTTCCTAACGCCCTGGCCACTCGGTTGCTGTTCTGCTGCACTCGCTGGTCGGGG
TCTGGCGAGTGACCGAGGTGAAGAAGGAGCCGCGTACTGGCTGCTTGCCTGCTCAACCTCTTGCTCTT
CCTGGAGACTGCGCTCACCTCAAGTTCAGCGCGGCAGAGGCTACAAATGGTTTTCCACCAGCCATATTT
TTATATCTGATTAGCATCGTTCATCATTATGGCTTCTTGAATTGCACCATGAGACCCAGTATTGCAGTA
TCCAGGCTGAAGGAACATCACAGAATACCAGCAGAAAAGAAGACTTCAATCAAACATTGACATCCAATGA
ACAAACCAGTAGAGCTGATGATCTCATTGAGACGCCAAAAGTTTTGTGAATAACTTATCTACAGTATGT
GAGAAAGTTTGGACATTGGGACTCCATCAGACATTCTGTAAATGCTAATAATTGGAAGATGGCTTCTAC
CCATTGGAGGCGGATCACTCGAGATCAACTCTCTCAACTTCTTCTTATGTTTGTGGGGACAGCGGCTGA
CATACTGGAATTCACAAGTGAGACCCTAGAAGAACAAAATGTGAGGAATAGTCCTGCACTAGTCTATGCC
ATCCTTGTATATGGACTTGGAGCATGCTGCAGTTTCCACTTGACCTGGCAGTACAGAACGTTGTGTGCC
CTGTGTCTGTGACAGAGAGGGGATTCCCCAGCCTGTTCTTTTGGCAGTACAGTGCCGATCTGTGGAACAT
CGGAATCAGCGTCTTCATACAAGATGGCCCCTTCTTGTGCGTCTCATACTGATGACCTATTTCAA
GTGATCAATCAGATGCTGGTGTCTTTGCCGGAAGAACTTCTCGTGGTGGTGTGCAACTCTACCGCT
TGGTGGTGTGCGATTGGCAGTCCGTGCTTCGTTGAGAAGTCAGTCAGAAGGCCTGAAAGGAGAACATGG
TTGCCGGGCACAGACCTCTGAGAGTGGGCCCTCTCAGCGGACTGGCAGAACGAGTCTAAGGAGGCGCTG
GCTATTCTTTGCGGGGCTCCCCAGTCACCTCCGACGACTCCCACCACACCCCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_178505 unedited NAAAAGTTCACATTTGTATACGACTCATATAGGGCGGCCGCGATTTCGGCACCAGGCAGGT CTCAGTGCCTTGTATATTCCTGCTCACCAGTGGGCTCCGGGCACGCCCGGAGGGTCCTG GGGGCGCAGGCAAGGGGACGTAGGCAGAGTGCTCCGGCCAGCATGGAGGGACTGGTCTTC CTTAACGCCCTGGCCACTCGGTTGCTGTTCTGCTGCACTCGCTGGTCGGGGTCTGGCGA GTGACCGAGGTGAAGAAGGAGCCGCGTACTGGCTGCTTGCCTGCTCAACCTCTTGCTC TTCCTGGAGACTGCGCTCACCTCAAGTTCAAGCGCGGCAGAGGCTACAAATGGTTTTCA CCAGCCATATTTTTATATCTGATTAGCATCGTTCCATCATTATGGCTTCTTGAATTGCAC CATGAGACCCAGTATTGCAGTATCCAGGCTGAAGGAACATCACAGAATACCAGCAGAAAA GAAGACTTCAATCAAACATTGACATCCAATGAACAAACCAGTAGAGCTGATGATCTCATT GAGACGGCCAAAGTTTTTGTGAATAACTTATCTACAGTATGTGAGAAAGTTGGACATTG GGACTCCATCAGACATTCCTGTTAATGCTAATAATTGGAAGATGGCTTCTACCCATTGGA GGGGGATCACTCGAGATCAACTCTCTCAACTTCTTCTTATGTTTGTGGGACAGCGGCT GACATACTGGAATTCACAAGTGAGACCCTAGAAGAACAAATGTGAGGCTCTGTTGGAAA AATTCATAATAGAAGAATACTAACCCAGTGGCAACTGTTCTATTTTGGGACTGTTT TTCTATCCACGTTCTATCCATATGTGCATGTGAGAAGCCTTCATCAATGTCACCAGTCTG ATAAATGTGAAGTAGAAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_178505
Insert Size:	1850 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:	<u>NM_178505.2</u> , <u>NP_848600.1</u>
RefSeq Size:	5155 bp
RefSeq ORF:	672 bp
Locus ID:	219623
UniProt ID:	<u>Q6ZUK4</u>
Cytogenetics:	10q21.2
Protein Families:	Transmembrane

Gene Summary:

This gene encodes a protein containing multiple transmembrane helices. It is a selective surface protein marker of brite/beige adipocytes, which may coexist with classical brown adipocytes in brown adipose tissue. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2015]

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