

Product datasheet for **SC317588**

TMEM26 (NM_178505) Human Untagged Clone

Product data:

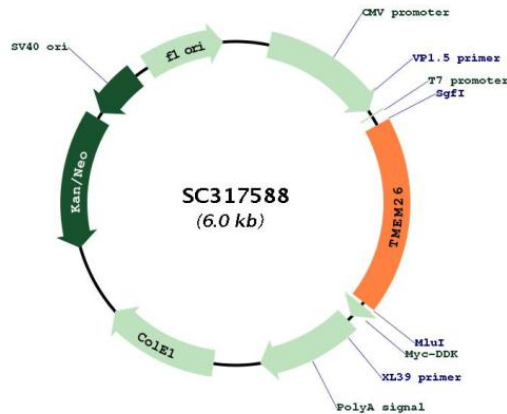
Product Type:	Expression Plasmids
Product Name:	TMEM26 (NM_178505) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317588 representing NM_178505. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGGACTGGTCTTCTTAACGCCCTGGCCACTCGGTTGCTGTTCTCTGCTGCACTCGCTGGTCGGG
GTCTGGCGAGTGACCGAGGTGAAGAAGGAGCCGCGTACTGGCTGCTTGCCTGCTCAACCTCTTGTCTC
TTCCTGGAGACTGCGCTCACCTCAAGTTCAAGCGCGCAGAGGCTACAAATGGTTTTACCAGCCATA
TTTTATATCTGATTAGCATCGTTCCATCATTATGGCTTCTTGAATTGCACCATGAGACCCAGTATTGC
AGTATCCAGGCTGAAGGAACATCACAGAATACCAGCAGAAAAGAAGACTTCAATCAAACATTGACATCC
AATGAACAAACCAGTAGAGCTGATGATCTCATTGAGACGGCCAAAGTTTTGTGAATAACTTATCTACA
GTATGTGAGAAAAGTTTGACATTGGGACTCCATCAGACATTCTGTAAATGCTAATAATTGGAAGATGG
CTTCTACCCATTGGAGGGGGATCACTCGAGATCAACTCTCTCAACTTCTTCTTATGTTTGTGGGACA
GCGGCTGACATACTGGAATTCACAAGTGAGACCTAGAAGAACAAAATGTGAGGAATAGTCTGCACTA
GTCTATGCCATCCTTGTATATGGACTTGGAGCATGCTGCAGTTTCCACTTGACCTGGCAGTACAGAAC
GTTGTGTGCCCTGTGTGTGACAGAGAGGGGATCCCCAGCCTGTTCTTTGCCAGTACAGTCCCGAT
CTGTGGAACATCGGAATCAGCGTCTTCATAAAGATGGCCCTTCTTGTGCGTCTCATACTGATG
ACCTATTTCAAAGTGATCAATCAGATGCTGGTGTCTTTGCCGGAAGAAGTCTCGTGGTGGTGTG
CAACTCTACCGCTTGGTGGTGTGGCATTGGCAGTCCGTGCTTCTGTTGAGAAGTCAGTCAAGGCGCTG
AAAGGAGAACATGGTTGCCGGGCACAGACCTCTGAGAGTGGGCCCTCTCAGCGGGACTGGCAGAACGAG
TCTAAGGAGGGCCTGGCTATTCTTTGCCGGGCTCCCCAGTCACTCCGACGACTCCCACCACACCCCT
TAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_178505

Insert Size: 1107 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_178505.7](#)

RefSeq Size: 5162 bp

RefSeq ORF: 1107 bp

Locus ID: 219623

UniProt ID: [Q6ZUK4](#)

Cytogenetics: 10q21.2

Protein Families: Transmembrane

MW: 41.7 kDa

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.