

Product datasheet for **SC302706**

TMEM98 (NM_001033504) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM98 (NM_001033504) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM98
Synonyms:	TADA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302706 representing NM_001033504. Blue=Insert sequence Red=Cloning site Green=Tag(s)

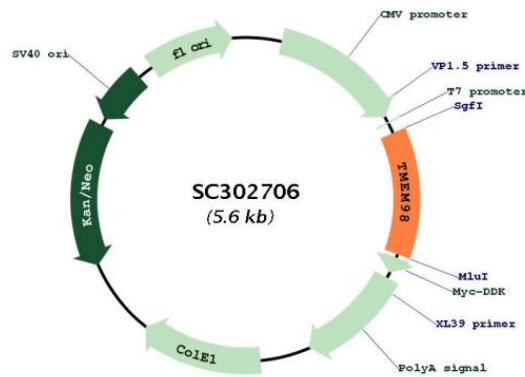
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGACTGTGGTGATTGTTGCCATAGGTGTGCTGGCCACCATCTTCTGGCTTCGTTTGCAGCCTTG
GTGCTGGTTTGCAGGCAGCGCTACTGCCGGCCGCGAGACCTGCTGCAGCGCTATGATTCTAAGCCATT
GTGGACCTCATTGGTGCCATGGAGACCCAGTCTGAGCCCTCTGAGTTAGAAGTGGACGATGTCGTTATC
ACCAACCCCCACATTGAGGCCATTCTGGAGAATGAAGACTGGATCGAAGATGCCTCGGTCTCATGTCC
CACTGCATTGCCATCTTGAAGATTTGTCACACTCTGACAGAGAAGCTTGTGCCATGACAATGGGCTCT
GGGGCCAAGATGAAGACTTCAGCCAGTGTGAGCGACATCATTGTGGTGGCCAAGCGGATCAGCCCCAGG
GTGGATGATGTTGTGAAGTCGATGTACCCTCCGTTGGACCCAAACTCCTGGACGCACGGACGACTGCC
CTGCTCCTGTCTGTGAGTCACTGGTGTGCTGCAAGGAATGCCTGCCATCTGACGGGAGGCTGGAC
TGGATTGACCAGTCTCTGTGGCTGCTGAGGAGCATTGGAAAGTCTTCGAGAAGCAGCCCTAGCTTCT
GAGCCAGATAAAGGCCTCCAGGCCCTGAAGGCTTCTGCAGGAGCAGTCTGCAATTTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001033504

Insert Size: 681 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_001033504.1](#)

RefSeq Size: 1732 bp

RefSeq ORF: 681 bp

Locus ID: 26022

UniProt ID: [Q9Y2Y6](#)

Cytogenetics: 17q11.2

Protein Families: Transmembrane

MW: 24.6 kDa

Gene Summary: This gene encodes a transmembrane protein. A missense mutation in this gene result in Nanophthalmos 4 (NNO4). Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Sep 2014]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.