

Product datasheet for **SC334611**

TMEM98 (NM_001301746) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM98 (NM_001301746) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM98
Synonyms:	TADA1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001301746, the custom clone sequence may differ by one or more nucleotides

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ATGGAGACTGTGGTGATTGTTGCCATAGGTGTGCTGGCCACCATCTTTCTGGCTTCGTTTGCAGCCTTGG
TGCTGGTTTGCAGGCAGCGCTACTGCCGGCCGCGAGACCTGCTGCAGCGCTATGATTCTAAGCCCATTGT
GGACCTCATTGGTGCCATGGAGACCCAGTCTGAGCCCTCTGAGTTAGAACTGGACGATGTCGTTATCACC
AACCCCCACATTGAGGCCATTCTGGAGAATGAAGACTGGATCGAAGATGCCTCGGGTCTCATGTCCCACT
GCATTGCCATCTTGAAGATTTGTCACACTCTGACAGAGAAGCTTGTGGCCATGACAATGGGCTCTGGGGC
CAAGATGAAGACTTCAGCCAGTGTGAGGACATCATTGTGGTGGCCAAGCGGATCAGCCCAGGGTGGAT
GATGTTGTGAAGTCGATGTACCCTCCGTTGGACCCAACTCCTGGACGCACGGACGACTGCCCTGCCTC
TGTCTGTGAGTACCTGGTGTGGTGTGACAAGGAATGCCTGCCATCTGACGGGAGGCTGGACTGGATTGA
CCAGTCTCTGTCGGCTGCTGAGGAGCATTTGGAAGTCTTCGAGAAGCAGCCCTAGCTTCTGAGCCAGAT
AAAGGCCCTCCAGGCCCTGAAGGCTTCTGCAGGAGCAGTCTGCAATTTAG
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001301746
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).



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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_001301746.1](#), [NP_001288675.1](#)

RefSeq Size: 1880 bp

RefSeq ORF: 681 bp

Locus ID: 26022

UniProt ID: [Q9Y2Y6](#)

Cytogenetics: 17q11.2

Protein Families: Transmembrane

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 (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same 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.