

Product datasheet for SC313479

TMEM44 (NM_138399) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM44 (NM_138399) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313479 representing NM_138399. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGGAGGCGCCAGCCCCGCGCCGCTCTGGGACTGGGACTACCTGGACCGCTGCTTCGCCCGC
CACCGCTCTGCATCTCCTTCGGCCTGTGGATCTGCGCCTCCTCTGCTGGATCGCCGCCACGCGCTG
CTTCTCTATCTGAGATGTGCACAGAAACCAGACAGGACCGACTGCGGACTGTGTGCTGCGTGCCTC
CTGACCACTGTGTGACACCGTCGGGGCTCTTCTGGCCAGACAGCTACAATCCAGGTTTTCACTGGT
GCCTACCTAGCAGCTATTGACTTAGTGAACCTTTATGTTTCTCTTCCCAGTCTGTGGATCCAAATTC
AAGTCTAATTCAGATCGGGAAGCCGAGAGAGGAAGAGGAGGCGGAGCTCAGGGCCAGTGTGTTTGCC
CTGGCCCTGCGGCTGAGCCTGGGCCCTGCTGGGCTCTGTGGTTGCTGTCCCGAAGGCTTCAGCCACC
ATCCGGGGGCCACAGCGAGGCTGCTAGCGAGCCTGCTGCAGGAAAATACTGAGATCCTCGGCTACCTG
CTGGGTAGCGTTGCTGCCTTTGGCTCCTGGGCTTCTCGGATCCCCCTCTCTCCAGAATTTGCCGGGG
AAGACATTTCCCTCCATCCACCTGTGGACCCGGCTCCTGTGGCCCTGGCTGGCCCTCTATGCCTCG
GCCATTGTGGCCACGACCAGCACCTGAGTACCTGCTGCGGGCCACACCCTGGTTCTGACCTCCCTC
GGCCGTGCGGCACTGGACCTCGTATTATTTTCTTTCTGTGTGATGAAGAGCAAGATGAGACAGGCC
TTAGGATTTGCCAAGGAAGCCAGAGAGACCCTGACACCCAAGCCCTTTTGACCTGTGCAGAGAAAGAG
GAAGAAAACCAGGAGAATTTGGATTGGGTGCCTCTCACCACACTGTCACACTGCAAGTCACTGAGGACA
ATGACAGCAATCAGTCGCTACATGGAGCTGACCATCGAGCCTGTGCAGCAGGCAGGCTGCAGTGCCACC
AGGCTGCCAGGTGACGGGCGAGCAGCGCCGGAGATGCGTCCCTGCAGGACCCCCCGTCGTACCCTCCC
GTTCAGGTGATCCGGGCCGGGTGTCTTCCGGCAGCTCCTCTGAGGTCTCCTCCATCAACTCCGACCTG
GAGAAGTATTGGGAGGCCCTAAACTCGGAGCAGTGGGACCCTGAAGATGTGAACCTCGAAGGCAGCAA
GAAAATGTGGAGCTACTGGGATCCCAGGTGCACCAGGACTCTGTGAGGACAGCACACCTGAGTGATGAT
GATTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



ACCN:	NM_138399
Insert Size:	1317 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:	<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_138399.4</u>
RefSeq Size:	2392 bp
RefSeq ORF:	1317 bp
Locus ID:	93109
UniProt ID:	<u>Q2T9K0</u>
Cytogenetics:	3q29
Protein Families:	Transmembrane
MW:	48.3 kDa