

Product datasheet for **SC108382**

TMEM14A (NM_014051) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM14A (NM_014051) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM14A
Synonyms:	C6orf73; PTD011
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014051, the custom clone sequence may differ by one or more nucleotides

ATGGACCTGATCGGTTTTGGTTATGCAGCCCTCGTGACATTTGGAAGCATTTTGGATATAAGCGGAGAG
GTGGTGTTCCGTCTTTGATTGCTGGTCTTTTGTGGATGTTGGCCGGCTATGGAGCTTACCGTGTCTC
CAATGACAAACGAGATGTAAAAGTGCTACTGTTTACAGCTTTCTCCTGGCTACCATAATGGGTGTGAGA
TTTAAGAGGTCCAAGAAATAATGCCTGCTGGTTTGGTTGCAGGTTTAAGCCTCATGATGATCCTGAGAC
TTGTCTTGTTGCTGCTCTGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014051 unedited
 CACAACCATTCGGCACGAGGCGCTGGTGGGAGACTGCTTACTGACTCCAGGTACCGCGC
 TTGGCGGCAGCTGGCCCCAGACTTCTGTCTTTTTCAGCTGCAGTGAAGGCTCGGGGCTGCA
 GAATTGCAACCTTGCCATGGACCTGATCGGTTTTGGTTATGCAGCCCTCGTGACATTTG
 GTTTTATTTTGGATATAAGCGGAGAGGTGGTGTCCGCTTTGATTGCTGGTCTTTTTG
 TTGGATGTTTGGCCGGCTATGGAGCTTACCGTGTCTCCAATGACAAACGAGATGTAAAG
 TGTCACTGTTTACAGCTTCTTCTGGCTACCATAATGGGTGTGAGATTTAAGAGGTCCA
 AGAAAATAATGCCTGCTGGTTTGGTTGCAGGTTTAAAGCCTCATGATGATCCTGAGACTTG
 TCTTGTGCTGCTCTGAGCATCTGGAGGAACAGAAAATAAGTTCATGTCATCCTGCTGT
 AATGGGCAGAGCATATTTTTTTTGTATTTAAAAGATAAACTTCAATATGGAATGTAGAA
 ACACAAATAGCACTGTCACCTCTAATATGAACATTAGTTTGAGGTAGTTTTTTTCTAAAG
 CAAAAATTTAACTGTTTCTAATTGTCAAGCACTATTTTCATTTAAAGTGTCTAATGAA
 TCATGATATACTCTTCCATTTGTGTCTATTTTTATATTTGGAATTTTTTGAAAA
 ATCCAAATACTCATGTCTCAAGTAAGCTTAACCTACACTGTGCACATAAAGAAGTCTTA
 AGTGCAGTTCACAAGAAGATAAGGGATCTATTGGCCATTGGGTTATTTGAATTATAAG
 AAATATGCCTTTTCCCTTAATTGAATTGCTGCAGGGCTATTTTTTCTTTAAAAAATTT
 TT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014051 unedited
 CAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGAACCAAAATGTCTTTATTTGAATAC
 TGAATACATTCAGTTAGGACATAACAGTGTGCTAAGAATAAAATTTTTTAAAGAAAAAA
 TAGCACTGGCAGCAATACAATTAATGAAAAAGCATAATTTCTAATAATTTCAAATAT
 AACACAAATGACAAATAGATACATTATCATTCTGTGAACCTCACTTAAGACTTCCTTTAT
 GTGACAAGTTGTAGTTTAAAGCTTACTTGAGACATGAGTATTTGGAATTTTCAAAAAATAC
 CAAATATATAAAAAATAGACACAACAAATGGAAGAGTATATCATGATTCAATAGACACTT
 TTAATGAAAAATAGTGCTTGACAATTAGAAAACAGTTAAATTTTTGCTTTAGAAAAAAC
 TACCTCAAACATATGTTCAATATAGAGGTGACAGTGCTATTTGTGTTTCTAGCATTCCAT
 ATTGAAGTTTATCTTTTAAATACAAAAAATATGCTCTGCCCATACAGCAGGATGAC
 ATGAACCTAGTTTCTGTTCTCCAGATGCTCAGAGCAGCAACAAGACAAGTCTCAGGAT
 CATCATGAAGCTTAAACCTGCAACCAACCAGCAAGCATTATTTTCTGGACCTCTTAAAT
 CTCACACCCATTATGGTAGCCANGGAAGATAGCTGTAAACAGTGACACTCTTACATCTTC
 GTTGTCATTGAGACACGGTAAGCTCCTTACCCGCCAACTCCAACAAAAGACCACATTCA
 AAAACGGACCCCCCTTCCGCTATTCCAAAAAGCTTCAATGTCACGGGGCTGCTTACCAA
 ACCATCACGTATTGGCAGTTGAATTCTGCACCCCAACCTTCATGCACTGAAAAAGAAA
 TTTGGGCACTGCCCAACCCGTTCTGATTCCGAAATTTCCCAACACGCCTGGCCAAT
 TCGGCGCCCTATGGAGTTATTAATTTGAGGCCN

Restriction Sites:

NotI-NotI

ACCN:

NM_014051

Insert Size:

1000 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:	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_014051.2, NP_054770.1</u>
RefSeq Size:	995 bp
RefSeq ORF:	300 bp
Locus ID:	28978
UniProt ID:	<u>Q9Y6G1</u>
Cytogenetics:	6p12.2
Domains:	UPF0136
Protein Families:	Transmembrane
Gene Summary:	Inhibits apoptosis via negative regulation of the mitochondrial outer membrane permeabilization involved in apoptotic signaling pathway.[UniProtKB/Swiss-Prot Function]