

Product datasheet for **SC126113**

TMEM161A (NM_017814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM161A (NM_017814) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM161A
Synonyms:	AROS-29; AROS29
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_017814 edited
 GGTGGGTGAGTGACCGCGTTCTCGCACGCGTCATGGCGGTCCTCGGAGTACAGCTGGT
 GTGACCTGCTCACTGCCACCCTCATGCACAGGCTGGCGCCACACTGCTCCTTCGCGCGC
 TGGCTGCTCTGTAAACGGCAGTTTGTTCGATACAAGCACCCGCTGAGGAGGAGCTTCGG
 GCCCTGGCGGGGAAGCCGAGGCCAGAGGCAGGAAAGAGCGGTGGGCCAATGGCCTTAGT
 GAGGAGAAGCCACTGTCTGTGCCCGAGATGCCCGTTCCAGCTGGAGACCTGCCCTC
 ACGACCGTGGATGCCCTGGTCTGCGCTTCTTCTGGAGTACAGTGGTTTGTGGACTTT
 GCTGTGTACTCGGCGGGGTGTACCTCTTCACAGAGGCTACTACTACATGCTGGGACCA
 GCCAAGGAGACTAACATTGCTGTGTTCTGGTGCCTGCTCACGGTGACCTTCTCCATCAAG
 ATGTTCTGACAGTGACACGGCTGTACTTCAGCGCCGAGGAGGGGGTGAGCGCTCTGTC
 TGCCTCACCTTTGCCTTCTTCTGCTGCTGGCCATGCTGGTGCAAGTGGTGGGGAG
 GAGACCTCGAGCTGGGCTGGAGCCTGGTCTGGCCAGCATGACCCAGAAGTTAGAGCCA
 CTTCTGAAGAAGCAGGGCTGGGACTGGGCGCTTCTGTGGCCAAGCTGGTATCCGCGTG
 GGAAGTGGCAGTGGTGGGCTCTGTGCTGGGTGCCTTCTCACCTTCCAGGCTGCGGCTG
 GCCCAGACCCACCGGACGCACTGACCATGTGCGAGGACAGACCATGCTGCAGTTCTC
 CTGCACACCAGCTTCTGTCTCCCTGTTTCATCTGTGGCTCTGGACAAAGCCCATTGCA
 CGGGACTTCTGCACACGCGCGCTTGGGGAGACGCGTTTCTCCTGCTGTCCGATTCT
 GCCTTCGACTCTGGGCGCCTCTGGTTGCTGGTGGTGTGCTGCTGCGCTGCGGCTGGCGGTG
 ACCCGGCCACCTGCAGGCCTACCTGTGCTGGCCAAGGCCCGGTGGAGCAGCTGCGA
 AGGGAGGCTGGCCGATCGAAGCCCGTGAATCCAGCAGAGGGTGGTCCGAGTCTACTGC
 TATGTGACCGTGGTGGCTTGCAGTACCTGACGCGCTCATCTCACCTCAACTGCACA
 CTTCTGCTCAAGACGCTGGGAGGCTATTCTGGGGCTGGGCCAGCTCCTCTACTATCC
 CCCGACCATCTCAGCCAGCGCTGCCCATCGGCTCTGGGAGGACGAAGTCCAGCAG
 ACTGCAGCGCGGATTGCCGGGGCCCTGGGTGGCTGCTTACTCCCTCTTCTCCGTGGC
 GTCTGGCTACCTCATCTGGTGGACGGCTGCCTGCCAGCTGCTCGCCAGCCTTTTCGGC
 CTCTACTTCCACAGCACTTGGCAGGCTCCTAGCTGCCTGCAGACCTCCTGGGGCCCTG
 AGGTCTGTTCTGGGGCAGCGGACACTAGCCTGCCCCCTCTGTTTGGCCCCCGTGTCC
 CCAGCTGCAAGGTGGGGCCGACTCCCCGGCTTCCCTTACCACAGTGCCTGACCCGCG
 GCCCCCTTGGACGCGGAGTTTCTGCCTCAGAACTGTCTCTCTGGGCCAGCAGCATGA
 GGGTCCCAGGCCATTGTCTCCGAAGCGTATGTGCCAGGTTTGTGGCGAGGGTGTATGC
 TGGCTGCTCTTCTGAACAAATAAAGGAGCATGCCGATTTTCAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_017814 unedited
 GGCGGTTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCCATTACGGCCG
 GGGGTGGGTGAGTGACCGCGTTCTCGCACGCGTCATGGCGGTCCTCGGAGTACAGCTG
 GTGGTGACCTGCTCACTGCCACCCTCATGCACAGGCTGGCGCCACACTGCTCCTTCGCG
 CGCTGGCTGCTCTGTAAACGGCAGTTTGTTCGATACAAGCACCCGCTGAGGAGGAGCTT
 CGGGCCCTGGCGGGGAAGCCGAGGCCAGAGGCAGGAAAGAGCGGTGGGCCAATGGCCTT
 AGTGAGGAGAAGCACTGTCTGTGCCCCGAGATGCCCGTTCCAGCTGGAGACCTGCCCC
 CTCACGACCGTGGATGCCCTGGTCTGCGCTTCTTCTGGAGTACCAGTGGTTTGTGGAC
 TTTGCTGTGTAAGCGGCGGTGTACCTCTTCACAGAGGCTACTACTACATGCTGGGA
 CCAGCCAAGGAGACTAACATTGCTGTGTTCTGGTGCCTGCTCACGGTGACCTTCTCCATC
 AAGATGTTCTGACAGTGACACGGCTGTACTTCAGCGCCGAGGAGGGGGTGAGCGCTCT
 GTCTGCCTCACCTTTGCCTTCTCTTCTGCTGCTGGCCATGCTGGTGCAAGTGGTGGCG
 GAGGAGACCTCGAGCTGGGCTGGAGCCTGGTCTGGCCAGCATGACCCAGAAGTTATAG
 CCACTTCTGAAAAGCAGGGCTGGGACTGGGCGCTTCTGTGGCCAAGCTGGCTATCCGC
 GTGGGACTGGCAATGGTGGGCTCTGTGGCTGGTGCCTTCTCACCTTCCAGGCTGCGG
 CTGGCCCCAGACCACCGGACCCACTGCCCTGTGCGAGGACAGACCATGCCGCAATTT

Restriction Sites: Please inquire
ACCN: NM_017814

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_017814.1</u> , <u>NP_060284.1</u>
RefSeq Size:	1795 bp
RefSeq ORF:	1440 bp
Locus ID:	54929
UniProt ID:	<u>Q9NX61</u>
Cytogenetics:	19p13.11
Protein Families:	Transmembrane
Gene Summary:	May play a role in protection against oxidative stress. Overexpression leads to reduced levels of oxidant-induced DNA damage and apoptosis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).