

Product datasheet for **SC319316**

TMEM166 (EVA1A) (NM_032181) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM166 (EVA1A) (NM_032181) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM166
Synonyms:	FAM176A; TMEM166
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032181.1
 GCCGCCGTCCGTGAGCACCCAGGCCGGGACCCACATCCCAGGCCAGCCCTGACCCCGG
 CGGCCCTCCGCCGGGATTCTTTCCGAGGTAAGTGGTCCCGGCCAAGACCCGGGCGAGCG
 CTTTGTGCTGTCCGCCCTCAGTGATCAGCTCCGGTCCCCTGCTCGGCCCGCGCGCC
 CCAAGCGCAGTCCCAGGAAGTGCAGCGCCGGGCCCCAGCAAAGAGTCTGAGAAGCCAAC
 TGGGCCAAACAAGTTTTAGAACCTCTACTGGCTGATGCCAACATCATCAGATATGAACTG
 TTCTTACCAGAACTTCTGCTCTGACACCCACCTCTCCCCAGAAGAAGAAGGAG
 AGTGGCCACGTTGATTCAGCCAAGCACCTCCAGGAGTCCCCTCTGGATGTCCCATGAGG
 CTGCCCTCAGCCACAGCCAGAGCACGTGGAGATGGCTTTGCTCAGCAACATCCTAGCG
 GCCTATTCCTTTGCTCAGAAAATCCTGAGCGAGCAGCTCTGTACTTTGTTTCTGGCGTG
 TGCATCGGGTGGTGTGACCTGGCTGCTCTGGTGATAAGGATCTTTGCCACACAGAC
 TGCAGGCGGCGTCCCGGAAGAAGTTCTGCAGGACAGAGAGCAGCAGCGACAGCAGC
 GACAGCGAGGATGGCAGTGAGGACACCGTCCGATCTCTCCGTGCGGAGACACCGCCGC
 TTCGAGAGGACTTTGAACAAGAATGTGTTACCTCTGCGGAGGAGCTGGAGCGGCCCGAG
 CGGCTGGAGGAGCGGAGCGCATCATCAGGGAGATCTGGATGAATGGCCAGCCTGAGGTG
 CCCGGGACCAGGAGCCTGAATCGCTACTATTAGGGAGCAGCAGGACCCCGAAACCACTG
 GAGGCCGCTGGAAGGAGAGCGTCTGCAGGGACAGTGGGCACAAGGAACTGAACCCAGC
 TCTGCTAATATTGTGATTTAGAGAAAAAGCAGGACATGCCCTTTTCTAGCCAGGAGGA
 TTGCTCCTTTTGGCCAAATGTATGGAGAAGTAGAAAAATCAAAGCAGTTCATCACCCCTT
 TCCAGGTCTCGGAATGGTGTGAAAAATCCTCTCCAACACTGTGGATGGAGATCGGAGAA
 ACGCGACTGTGGTTTCTTTGATTTCTGAGGATCTCAGAAGTTTCAGCAGACTTCCTTGC
 TCTGTGTTATTCCTTTGCAAAAAGGAAAGATCATTATAGCATGAGGGCTGGGAATAGCAGG
 GTGAACCTAACCCAATAAATGCAATTTCCCTAAATGACTTCATGCTATGGAGGTGATTCTG
 ATTCAAATAGCATGATCCATGCTTATTATTTAAGGCTGATTTTTAAATCTTGTGTGCA
 AGGCAACCTCGTCCATTTTAACTGGCACCTCAGGGATTTAAATCCTACTTTTTAGTGTA
 GTTCCCACCTCATTATGAAAATGAATAGAACTATTGTATTATGGGAGATGTGTCAGTGA
 ACTAGAAAATGTCAATAACCTCAAAGGATGAAGGGTTTTTTATTTTAAATAGTTTAAAAA
 TATATATTGACATGCATATTTGAAAATGCTGCATAAAAAATAAAGTGGTGTGTTTTCCCC
 CTCTTTGGAGACAAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_032181

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:	NM_032181.1 , NP_115557.1
RefSeq Size:	1817 bp
RefSeq ORF:	459 bp
Locus ID:	84141
UniProt ID:	Q9H8M9
Cytogenetics:	2p12
Protein Families:	Transmembrane
Gene Summary:	Acts as a regulator of programmed cell death, mediating both autophagy and apoptosis. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses a different segment for its 5' UTR, compared to variant 1. Variants 1 and 2 both encode the same protein.