

Product datasheet for **SC319132**

TMEM79 (NM_032323) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM79 (NM_032323) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM79
Synonyms:	MATT
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_032323.1
 GGCAGCATGGCGTCTTTCCGGCTTCTCCAAACCCTTGCGAAAACTTTATTGGCAAAGCT
 ATCAGAGAACGGACAGTGTACCCACTGAGGCGGCCAAAGCTTAACTGGATCAGGGCAGGA
 TGACATGACCTTGTGGTAGATCCCAAGACTGAGGCCCAAGGATGACAGAACAGGAGACCC
 TGGCCCTACTGGAAGTGAAGAGGTCTGATTCACAGAGAAGAGCTCACCCAGGCCTTGG
 TTCCCAATGGCCGGCAGCCAGAAGGGGAAGTGGGGCCGAATCCCGGGAGCTGAGTCCC
 TCAGATGGGGTCTTCAGCTGGATCTCCACAGCCATAGAGGGGGCTGAGGATGGTCTAG
 ACAGCACAGTAAGTGAGGCTGCCACCTTGCCCTGGGGGACTGGCCCTCAGCCAGTGCTC
 CGTTCCCGGATCCCCCTGGCTGGCGGGACATTGAACCAGAGCCCCCTGAGTCAGAACAC
 TTACCAAGCTAGAGGAGCTGCCGAAGACGATGCCAACCTGCTGCCTGAGAAAGCGGCC
 GTGCCCTCGTGCCTATTGACCTACAGTGCATTGAGCGGCAGCCCCAAGAAGACCTTATCG
 TGCGCTGTGAGGCAGGCGAGGGCGAGTGCCGAACCTTCATGCCCCCGGGTCAACCACC
 CCGACCCACTGAGCGCAAGTGGGCTGAGGCAGTGGTGAAGGCTGTGGCTCCGTGGGAGCCG
 GGGGCTGCGGGAGCTGTGAGACCGTGAAGTGGTAAGGGCTGTGGCTCCGTGGGAGCCG
 CACTATTCTCTCCCTGCCTACTATACGGGGCATATGCCTTCTGCCGTTTGTATGCC
 CACGGCTGCCACCATGAGTTCGCCGCTGATCTACACACTGCGCTGCGGGGTCTTTGCCA
 CCTTCCCATTGTGCTGGGGATCCTGGTGTACGGGCTGAGCCTGTTATGCTTTTCTGCC
 TTCGGCCCTTTGGGGAGCCACGGCGGGAGGTGGAGATCCACCGCGATATGTGGCCAGT
 CGGTCCAGCTCTTATTCTACTTCTTCAACCTGGCCGTGCTTCCACTTACCTGCCCC
 AGGATACCCTCAAAGTCTCCCTGCTCACTGGTCTCTTTGCCGTCTCCCGGTGATCT
 ACTGGCTGACCTTTGCCGTGGGCCGCTCCTTCCGAGGCTTCGGCTACGGCCTGACGTTTC
 TGCCACTGCTGTGATGCTGATGTGGAACCTCTACTACATGTTTCGTGGTGGAGCCGGAGC
 GCATGCTCACTGCCACCGAGAGCCGCTGGACTACCCGGACCACGCCCGCTCGGCCTCG
 ACTACAGGCCCCGCCCTGGGGCTGAGCCTCTCCGCCCTCGCCCTCGGAGTAGGGGGTAG
 CGGCTTGGGTCTGACACATCTTTGAACCTTGTGGCCAGGCTGGACTTCGCCCCAGGCC
 TAGGACCGCGGTGGTGGAAACCCTGCTACTGCCCAACAGGGACTCCAATCAATCGGAGT
 TCTCCCTTCCGGAGCTGCCCTTACCTTTGGGGCCGAGACAGTCATAAGGGATGGAC
 TTAGTTTTCTTGACAGGAAAAAGGTGGACAGCCGTGTTTCTTAAGGATGCTGAGGGCATG
 GGGCCAGGACCAGGGGAGAGGCACAGCTCCTTCTGAGCAGCCTCTACCACTGCCACAA
 GGCTCCCTAATGCTGGTCTCTGCTCCACTCCCCGCTTCCCGTGAAGCAGGAGGCAGAGC
 CACAGCCAAGGCCCTGACCACTTCTGTGCCAGTGTCTAAGCAGAGCGCCTCAGGGACGC
 TGGAAATGCCTTAAGGATAGAGGCTGGGCATCACATCAAATGGGACTGTGGTGTGGTGT
 AAAACCTTCTGAGGATCTGGATTACAGGACCCTCCATGACTGGCCTATTTACTGTTTACA
 GCTGGCCAGTGCAGAGCTGCTGCTTTTTACCTTTTTAGGCCCTGTAACCTTCCACCTT
 TAAACTGCCCAGAAGGCATGCCTCTCCACAGGAAGAGGGGAGCAGACAGGGAAATCTGC
 CTACCAAGAGGGGTGTGTGTCTTTGTGCCACACGTGGTGGCTGGGGAGTGCCTGGAT
 GGTGCGGTGGTTGATGTTAACCTAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTAAACA
 ATAAATTAACCAGTCAA
 AAAAAA

Restriction Sites: Please inquire

ACCN: NM_032323

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_032323.1</u> , <u>NP_115699.1</u>
RefSeq Size:	2226 bp
RefSeq ORF:	1185 bp
Locus ID:	84283
UniProt ID:	<u>Q9BSE2</u>
Cytogenetics:	1q22
Protein Families:	Transmembrane
Gene Summary:	Contributes to the epidermal integrity and skin barrier function. Plays a role in the lamellar granule (LG) secretory system and in the stratum corneum (SC) epithelial cell formation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes a 394aa protein.