

Product datasheet for **SC114272**

TMEM85 (EMC4) (NM_016454) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM85 (EMC4) (NM_016454) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM85
Synonyms:	PIG17; TMEM85
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114272 sequence for NM_016454 edited (data generated by NextGen Sequencing) ATGACGCGCCAGGGGGCCTGGTGGCTAACCGAGGCCGCGCTTCAAGTGGGCCATTGAG CTAAGCGGGCCTGGAGGAGGCAGCAGGGTCGAAGTGACCGGGCAGTGGCCAGGGAGAC TCGCTCTACCCAGTCGGTTACTTGGACAAGCAAGTGCCTGATACCGCGTCAAGAGACA GACCGGATCCTGGTGGAGAAGCGCTGCTGGGACATCGCCTTGGGTCCCCTCAAACAGATT CCCATGAATCTTTCATCATGTACATGGCAGGCAATACTATCTCCATCTCCCTACTATG ATGGTGTGTATGATGGCCTGGCGACCCATTAGGCACTTATGGCCATTTAGCCACTTTC AAGATGTTAGAAAGTTCAAGCCAGAAGTTTCTTCAGGGTTTGGTCTATCTATTGGGAAC CTGATGGGTTTGGCATTGGCTGTTTACAAGTGCCAGTCCATGGGACTGTTACCTACACAT GCATCGGATTGGTTAGCCTTCATTGAGCCCCCTGAGAGAATGGAGTTCACTGGTGGAGGA CTGCTTTTGTGA Clone variation with respect to NM_016454.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016454 unedited <pre> TTTTGTATCCGATTTACTATAGGGCGGCCGCGCAATCGGCACGAGGAGAACGCTGGTGGG CCTGTTGTGGAGTACGCTTTGGACTGAGAAGCATCGAGGCTATAGGACGCAGCTGTTGCC ATGACGGGCCAGGGGGGCTGGTGGCTAACCGAGGCCGGCGCTTCAAGTGGGCCATTGAG CTAAGCGGGCTGGAGGAGGCAGAGGGGTGCAAGTGACCGGGCAGTGGCCAGGGAGAC TCGCTCTACCCAGTCGGTTACTTGGACAAGCAAGTGCCTGATACCAGCGTGCAAGAGACA GACCGGATCCTGGTGGAGAAGCGCTGCTGGGACATCGCCTTGGGTCCCCTCAAACAGATT CCCATGAATCTCTTCATCATGTACATGGCAGGCAATACTATCTCCATCTTCCCTACTATG ATGGTGTGTATGATGGCCTGGCGACCCATTAGGCACTTATGGCCATTTAGCCACTTTT AAGATGTTAGAAAGTTCAAGCCAGAAGTTTCTTCAAGGTTTGGTCTATCTCATTGGGAAC CTGATGGGTTTGGCATTGGCTGTTTACAAGTGCCAGTCCATGGGACTGTTACCTACATAT GCATCGGATTGGTTAGCCTTCATTGAGCCCCCTGAGAGAATGGAGTTCAGTGGTGGAGGA CTGCTTTTGTGAACATGAGAAAGCAGCGCCTGGTCCCTATGTATTTGGGTCTTATTTACA TCCTTCTTTAAGCCCAGTGGCTCCTCAGCATACTCTTAACTAATCACTTATGTTAAAAA GAACCAAAAAGACTCTCTTCTCCATGGTGGGGGTGACAGGTCCATCAAGACCATGTGC CTATTACGACANACCAAAAGAACTATCCATACCCCAAGCTTGAAAATATGTAGAAAACCT ATTTTTGTTCAGTTCGGACCAAAACAACCAAAAACATAAATTGCTAACAGAGATACCT GTGCTAATCAGGACCTGTGACAT </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016454 unedited <pre> TCTATGAACCGCGGCCCGCATTCTANAGTCGAGTTTTTTTTTTTTTTTTTGCATTGTTCT CAACCATTTAATTTATTGAAAGGAGATGCTGCAACAGTTCTTGATTAGCAGCAGTTATT CTCTTGTTTACATAGTTATGTTTTTTTGTGTTGTTTGTCTGTACTGGAAACAAAAAT AAAGTTTTCTACATTATTTTCAGCCTTGGGTATGGTATAGTTTCTTTGTGTTTGTGTA ATATGCACATTGTCCTTCTAGGACCTGTCAACCCACCATTGGAGAAAAGAGTCTTTTGGTT CTTTTTAACATAAGTGATTAGTTTAAGAGTATGCTGAGGAGCCACTGGGCTTAAAGAAGG ATGTAAATAAGACCCAAATACATAGGGACCGAGCGCTGCTTCTCATGTTCAAAAAGCA GTCCTCCACCACTGAATCCATTCTCTCAGGGGGCTCAATGAAGGCTAACCAATCCGATG CATGTGTAGGTAAACAGTCCCATGGACTGGCACTTGTAACAGCCAATGCCAAACCATCA GGTTCCTCAATGAGATAGACCAAAACCTGAAGAACTTCTGGCTTGAATTTCTAACATCT TGAAAGTGGCTGAAATGGCCATAAGTGCCTGAATGGGTGCCAGGCCATCATACACCA TCATAGTAGGGAAGATGGAGATAGTATTGCTGCCATGTACATGATGAAGAGATCCATGG GAATCTGTTTGAAGGAGCCCATGCGATGTCCAGCAGCGCTTCTCCACCAANATCCCGT CCTGTCTCTTGACGCTGGTATCANGCACTTGCTTGCCCAAGTAACCGACTGGGTAAAGC GAGCTTCCCTGGCCACTGCCCGGTCAATTTGACCCTGTTGGCCTCTTACGCCGCTTAC TTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016454
Insert Size:	990 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_016454.2, NP_057538.1</u>
RefSeq Size:	1013 bp
RefSeq ORF:	552 bp
Locus ID:	51234
UniProt ID:	<u>Q5J8M3</u>
Cytogenetics:	15q14
Protein Families:	Transmembrane
Gene Summary:	May mediate anti-apoptotic activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).