

Product datasheet for **SC105909**

TMEM85 (EMC4) (BC002583) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM85 (EMC4) (BC002583) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM85
Synonyms:	FLJ90746; MGC24415; PIG17; proliferation-inducing gene 17; transmembrane protein 85
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC002583, the custom clone sequence may differ by one or more nucleotides

ATGACGGCCCAGGGGGCCTGGTGGCTAACCGAGGCCGGCGCTTCAAGTGGGCCATTGAGCTAAGCGGGC
CTGGAGGAGGCAGCAGGGGTGCAAGTGACCGGGCAGTGGCCAGGGAGACTCGCTCTACCCAGTCGGTTA
CTTGACAAGCAAGTGCCTGATACCAGCGTGCAAGAGACAGACCGGATCCTGGTGGAGAAGCGCTGCTGG
GACATCGCCTTGGGTCCCCTCAAACAGATTCCCATGAATCTCTTCATCATGTACATGGCAGGCAATACTA
TCTCCATCTTCCCTACTATGATGGTGTGTATGATGGCCTGGCGACCCATTGAGCACTTATGGCCATTTT
AGCCAAGAATGGAGTTGAGTGGTGGAGGACTGCTTTTGTGAACATGAGAAAGCAGCGCCTGGTCCCTATG
TATTTGGTCTTATTTACATCCTCTTTAA



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5' Read Nucleotide Sequence:

>OriGene 5' read for BC002583 unedited
 TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAACGCTGGTGGGCTT
 GTTGTGGAGTACGCTTTGGACTGAGAAGCATCGAGGCTATAGGACGCAGCTGTTGCCATG
 ACGGCCAGGGGGGCTGGTGGCTAACCAGGCCGGCGCTTCAAGTGGGCCATTGAGCTA
 AGCGGGCTGGAGGAGCAGCAGGGGTCGAAGTGACCGGGGCAGTGGCCAGGGAGACTCG
 CTCTACCCAGTCGGTACTTGGACAAGCAAGTGCCTGATACCAGCGTGCAAGAGACAGAC
 CGGATCCTGGTGGAGAAGCGCTGCTGGGACATCGCCTTGGGTCCCCTCAAACAGATTCCC
 ATGAATCTCTTCATCATGTACATGGCAGGCAATACTATCTCCATCTTCCCTACTATGATG
 GTGTGTATGATGGCTGGCGACCCATTACAGCACTTATGGCCATTTCAGCCACTTTCAAG
 ATGTTAGAAAGTTCAAGCCAGAAGTTTCTCAGGGTTTGGTCTATCTATTGGGAACCTG
 ATGGGTTTGGCATTGGCTGTTTACAAGTGCCAGTCCATGGGACTGTTACCTACACATGCA
 TCGGATTGGTTAGCCTTCATTGAGCCCCCTGAGAGAATGGAGTTCAGTGGTGGAGGACTG
 CTTTTGTGAACATGAGAAAGCAGCGCTGGTCCCTATGTATTTGGGTCTTATTTACATCC
 TTCTTTAAGCCAGTGGCTCCTCAGCATACTCTTAACTAATCACTTCTGTAAAAAGAC
 CAANAGACTTTTCTCCATGGTGGGTGACAGGTCTANAANGGACATGTGCATATTACGA
 CAAACACAAGAACTTACCCATACCCAGGCTGAAAATATGTANA

3' Read Nucleotide Sequence:

>OriGene 3' read for BC002583 unedited
 NCCGGGTATACCATGTACCGCGCGCTTCTAGGATCGATTTTTTTTTTTTTTTTGGCTT
 GTTCTCAACCATTTAATTATGAAAGGAATGCTGCAACAGTTCTTGATTTAGCAGCAGTTA
 TTCTCTTGTTTACATAGTTATGTTTTTTTGTGTTGTTTGTCTGTACTGGAAACAAAA
 ATAAAGTTTTCTACATTATTTTACGCTTGGGTTATGGTATAGTTTCTTTGTGTTGTGCG
 TAATATGCACATTGTCTTCTAGGACCTGTCACCCACCATGGAGAAAAGTCTTTTGGTT
 CTTTTTAACAGAAAGTGATTAGTTTAAGAGTATGCTGAGGAGCCACTGGGCTTAAAGAAAG
 ATGTAAATAAGACCCAAATACATAGGGACACGCGCTGCTTCTCATGTTCAAAAAGCA
 GTCCTCCACCACTGAACTCCATTCTCTACGGGGCTCAATGAAAGCTAACCAATCCGATG
 CATGTGTAGGTAACACTCCCATGGACTGGCACTTGTTAACAATCAATGCCCAACCCATTC
 CTGTTCCCAATGAGATAAACCAACCTGAACACAACCTTCTGGCTTGAACCTTCTACTTC
 TTGGCAGGGGCGTGAAGTGCATAAAAGCCTGAAGTGGTGGTCCGGCCATTCTACCACCA
 TTTTAGCCACGGGGAAGATGCATAAATTTTCGCTGCCCTCCCCCACACGAACGCATAC
 CCCGCCACCTGCCTGCGGGCCGCGCAGGCGTGGTCCCCTGTCTCTTTTCCCCCGTA
 TCCCGGCCTTTTCTTTGCCACCTTTTTCATGACCCCTCCGCCTTCATTATCCACACTC
 GTCTAAACATAGACATCCCTGGCGACTCGTCACGGGTCCTGTCCCCG

Restriction Sites:

NotI-NotI

ACCN:

BC002583

Insert Size:

5000 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>BC002583.2</u> , <u>AAH02583.1</u>
RefSeq Size:	853 bp
RefSeq ORF:	450 bp
Locus ID:	51234
Cytogenetics:	15q14
Protein Families:	Transmembrane
Gene Summary:	May mediate anti-apoptotic activity.[UniProtKB/Swiss-Prot Function]