

Product datasheet for **SC101990**

TMEM135 (BC030952) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TMEM135
Synonyms:	DKFZp686I1974; FLJ22104; transmembrane protein 135
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC030952, the custom clone sequence may differ by one or more nucleotides

ATGGCGGCCCTCAGCAAGTCCATCCCTCATAACTGCTATGAGATCGGCCACACTTGGCACCCCTTCTGCC
GGGTCTCCTTCCTGCAGATCACCGGGGCGCCCTGGAGGAGTCCCTGAAGATCTATGCTCCTCTGTACTT
GATTGCAGCAATTCTCCGAAACGGAAATTAGACTATTATTTACACAACTACTCCCTGAGATCCTACAA
TCCGCTTCATTTCTAACTGCTAATGGGGCCTTGATATGGCTTTCTTTGCATTTTAAGGAAGATACTTG
GAAAATTCTACTCATGGACTCCTGGCTTTGGTGCCGCTCTGCCAGCATCTTATGTGGCCATTCTCATTGA
AAGAAAAGCAGGAGAGGGCTGCTCACAATTTATATGGCCAACTTGATGGAGTCTACTGTCTTCCCCAG
GCTGGAGTGATTTCAGCTCCCTGCAGCCTCTGCCTCCCAGGTTCAAGGGATTCTCTGCCTGA



5' Read Nucleotide Sequence:	>OriGene 5' read for BC030952 unedited TCACAATTGTAACGAGCTCACTTAGGCGGCCGCGNAATTCGCACGAGGCGAGTGCTGGCC GGGCGAGAGGCTGGCGGCTGGGCTCTCGCGCCCTCCCTGCAGGGCTCAGGCTCTCCCC TGCTGTCTTCTCCGCGCTGTTCTCTGTCATGGCGGCCCTCAGCAAGTCCATCCCTCATAA CTGCTATGAGATCGGCCACACTTGGCACCTTCTGCCGGGTCTCCTTCTGCAGATCAC CGGGGGCGCCCTGGAGGAGTCCCTGAAGATCTATGCTCCTCTGACTTGATTGCAGCAAT TCTCCGGAACGAAATTAGACTATTATTTACACAACTACTCCCTGAGATCCTACAATC CGCTTCATTCTAACTGCTAATGGGGCCTTGTATATGGCTTTCTTTTGCATTTTAAGGAA GATACTTGGAAAATTCTACTCATGGACTCCTGGCTTTGGTGCCGCTCTGCCAGCATCTTA TGTGGCCATTCTCATTGAAAGAAAAAGCAGGAGAGGGCTGCTCACAATTTATATGGCCAA CTTGGCCACAGAACTATTGAGATGGGTGTAGCAAGAGGAACCATCACACATTAAG AAATGGAGAAGTCTTTTGTGTTTGCATCACAGCTGCCATGTACATGTTCTTTTCAGGTG CAAGGATGGCTTGAAGGATTTACATTTTCTGCACTTAGGTTTATTGTAGGGAAGGAAGA AATTCACACATTCTTTTACCAGAAGCAGCATATGCAAAAGTGAACANAAGAGAGA GCCACATGAGGAAAAACCAGAAGATGAATATGATTGGTCTAGTCAGAAAATTGTGGATT CATATGCAACATGGACANNGCATAGATGTCAAACCTTATGAAGATNATGCATCTCTTATG CATTAAGNNNTATCAGATGNTAGCGTGGGTACCTGATCAGTGCTGCCTCGATCCCTCTG CATTAGGCTCTGNTACCAA
Restriction Sites:	NotI-NotI
ACCN:	BC030952
Insert Size:	2500 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC030952.1 , AAH30952.1
RefSeq Size:	1356 bp
RefSeq ORF:	1356 bp
Locus ID:	65084

Cytogenetics: 11q14.2

Protein Families: Transmembrane

Gene Summary: Involved in mitochondrial metabolism by regulating the balance between mitochondrial fusion and fission. May act as a regulator of mitochondrial fission that promotes DNML-dependent fission through activation of DNML. May be involved in peroxisome organization.
[UniProtKB/Swiss-Prot Function]