

Product datasheet for **SC216886**

TMEM43 (NM_024334) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TMEM43 (NM_024334) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TMEM43
Synonyms:	ARVC5; ARVD5; EDMD7; LUMA
ACCN:	NM_024334
Insert Size:	1915 bp



[View online »](#)

Insert Sequence: >SC216886 3'UTR clone of NM_024334
 The sequence shown below is from the reference sequence of NM_024334. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACACGGGTGCCAGCCAAAAGTTGGAGTGA AAAAGACCCTGGCACCCGCCGACACCTGCGTGAGCCCTA
GGATCCAGGTCTCTCTCACCTCTGACCCAGCTCCATGCCAGAGCAGGAGCCCGGTCAATTTTGGACT
CTGCACTCCCTCTCTCTCAGGGGCCAGACTTGGCAGCATGTGCACCAGGTTGGTGTCCACCAGCTCA
TGTCTTCCCACATCTCTTTGCCAGTAAGCAGCTTTGGTGGGCAGCAGCAGCTCATGAATGGCAAGC
TGACAGCTTCTCCTGCTTTTCTCTCTCTTGGACTGAGTGGGTACGGCCAGCCACTCAGCCCATTG
GCAGCTGACAACGCAGACAGCTCTACGGAGGCTGCTGATAAAGGGCTCAGCCTTGCCGTGTGCTGCT
TCTCATCTGCACACAAGTCCATGCTTTGCCACCACCAAGCACATCTGTGATCCTGAAGGGCGG
CCGTTAGTCATTACTGCTGAGTCTGGGTACCCAGCAGACACACTGGGCATGGACCCCTCAAAGCAGGC
ACACCCAAAACACAAGTCTGTGGCTAGAACCTGATGTGGTGTAAAAGAGAAAGAACACTGAAGATGT
CCTGAGGAGAAAAGCTGGACATATACTGGGCTTACACTTATCTTATGGCTTGGCAGAATCTTTGTAGT
GTGTGGGATCTCTGAAGGCCCTATTTAAGTTTTCTTCGTTACTTTGCTGCTTACATGTGACTTTCCCTA
CCCCAAGAGGAAGTTTTCTGAAATAAGATTTAAAAACAAAACAAAAAACACTTAATATTTTCAGACTG
TTACAGGAAACACCCCTTAGTCTGTCAAGTTGAATTCAGAGCACTGAAAGGTGTTAAATGGGGTATGTG
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AACAAATATCAGCAAAAAGGATTTGTTTTCACTCTGGGAGGAGAGGGTGGAGAAAGCACTTGCTTTTCATC
CTCTGGCATCGGAAACTCCCCTATGCATTGAAGATGGTTTAAAGATTAAAGAAACGATTAAGAGAAA
AGGTTGGAAGCTTTATACTAAATGGGCTCCTTCATGGTGACGCCCGTCAACCACAATCAAGAACTGAG
GCCTGAGGCTGGTTGTACAATGCCACGCTGCCTGGCTGCTTTACCTGGGAGTCTTTTCGATGTGGG
CACCTGGGCTTCTAGGGCTGCTTCTGAGTGGTCTTTTACGTGTTGTGTCCATAGCTTTAGTCTTCTCT
AAATAAGATCCACCCACACCTAAGTACAGAAATTTCTAAGTTCCCAACTACTCTCACACCTTTTAAA
GATAAAGTATGTTGTAACCAGGATGTCTTAAATGATTCTTTGTGTACCTTTTCTGTCATATTCAGAAAC
CGTTTTGTGCTGCTGGGAGTAATTCCTTAGCAATTAAGTATTTGGTAGCTGAATAAGGGGTCAGAAC
TTCTGAAACCAGAGATCTGTAATCATCTCTATTGGCTGGGGTGCCTGTGCTATAAATGAGTTTCTTCA
CATGAAAAACACAGCCAGCCCAAGATGACTTATCTGGGTTTAGGATTC AATAGTATTCACTAACTGCTT
ATTACATGAGCAATTTTCATCAAATCTCCAACTCTTAAAGGATGCTTTCCGAAAAACAGCTGTATACCT
AGATGATGACTAAATGCAAAATCCTTGGGCTTTGGTTTTTTTCTAGTAAGGATTTTAAATAACTGCCGA
CTTCAAAGTGTCTTAAACGAAAAGATAATGTTAAGAAAAATTTGAAAGCTTTGGAAAACCAAATTTG
TAATATCATTGTATTTTTATTAAGTTTTGTAAATAATTTCTAAATTATC
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_024334.3](#)

Summary:

This gene belongs to the TMEM43 family. Defects in this gene are the cause of familial arrhythmogenic right ventricular dysplasia type 5 (ARVD5), also known as arrhythmogenic right ventricular cardiomyopathy type 5 (ARVC5). Arrhythmogenic right ventricular dysplasia is an inherited disorder, often involving both ventricles, and is characterized by ventricular tachycardia, heart failure, sudden cardiac death, and fibrofatty replacement of cardiomyocytes. This gene contains a response element for PPAR gamma (an adipogenic transcription factor), which may explain the fibrofatty replacement of the myocardium, a characteristic pathological finding in ARVC. [provided by RefSeq, Oct 2008]

Locus ID:

79188

MW:

71.7