

Product datasheet for **SC212930**

TMEM70 (NM_017866) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TMEM70 (NM_017866) Human 3' UTR Clone
Symbol:	TMEM70
Synonyms:	MC5DN2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017866
Insert Size:	1192 bp
Insert Sequence:	>SC212930 3'UTR clone of NM_017866 The sequence shown below is from the reference sequence of NM_017866. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GAAGAGAAACGGCATAAAGATGACAAATGAGCCTATTTGTTAGTGTTCTGTGCTCAAATGTGATTTACGT
TTTAATGTATAATAATAAAATTGCCTTTTGCATTCCGTTAGTGACTGATTGTTAAAAATAATTTGAAAT
TATCAAAGCTTTTAATTTCCAGAGAATGATGTTTGTATAATAAAACAAGCTATGTTTGAAAACCAAA
ATGTAGTATCTACCATTCGTGTTTAGAAAGGTATGTGAATAAATATGTTTCATGCTAGTATAAGAGTTC
TGTGTTACTGTGGTTGACTCTAACTGGGATCTGATGTCAAGTAGCAAATGGGAGAGTTGCTTTATTCT
TTGTGTATGGATTTTCTAAGTGTATAAATATTTTCCGACATTAAAGACATTTTCTCTTTGAGGAAGA
CACAGTCATAGGTGGTGGGAGCTGTGGTCCACCTGCTCCTGCTCCTGACTCACTGCTCTTTGCTGTTG
CCTGAGGACCAAGTCTGTCAGGAAGCTGGCTAGGAAGCCTTGACAGCAGCCATGGCTTTTAAACATACCA
GAAAAACACCCGTGGAGTCAGAGGTGGCAATTCACCGAATTCATATCACTCTAACGAGTTGCAACGTAA
AATCCCTGGATAAGGTGTGTGCTGACTTGATCTGAGGAGCAAAGGAAAAGAATCAGTGAAAGGACCAGT
TTGAATGCCTACCAAGACTTTGAGAATCACTACAAGAAAACTTACGGTGAAGTTCTAAGGCATGGGA
TCGTTTCCAGATGAGAATCCACAAGCGACTCATTGACTTGCGCAGTCCTCAGATAGTTAAGCAGATTAC
TTCCATCAGTATTGAGCCAGGAGTTGAGATGGAAGTCACCATGCAAATGCTTAAGTCAACTGTTTTCA
TAAATTGATTACCAAGTTGTTAAAAAATTTTCAAAAAACCGCAAAATTTCAAGAAATTCACAAATTATGG
GAGCAGTTTAAAGTCTTCTTTGGTTCAGAACACAGGTTTTTGCCTAACCCCTGGCATGATTGCCATAA
GAACATACATGTACAGTTGAAGTGGTGGTTAGCTATACGGGAAATGGTAAGTAGTGTGCTTCAGTAT
CTTAATTTGTTTCTGCAACTGTGCACTCCTCCCTTGGTGGCACCCATGCGGTGTAGGAAAACCACTGTT
ATTAACAGGTGAAAAATA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-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:	<u>NM_017866.6</u>
Summary:	This gene likely encodes a mitochondrial membrane protein. The encoded protein may play a role in biogenesis of mitochondrial ATP synthase. Mutations in this gene have been associated with neonatal mitochondrial encephalocardiomyopathy due to ATP synthase deficiency. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010]
Locus ID:	54968
MW:	46.6