

Product datasheet for **SC216943**

MCU (NM_138357) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MCU (NM_138357) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MCU
Synonyms:	C10orf42; CCDC109A; HsMCU
ACCN:	NM_138357
Insert Size:	1902 bp



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Insert Sequence: >SC216943 3'UTR clone of NM_138357
 The sequence shown below is from the reference sequence of NM_138357. 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
CCTCTCCGACAAATTGGTGAAAAAGATTGATCTGCAAAAAGCCTCTGAATCTGGCAGAAGGAACACCT
GTTTGCCTTTTTAATTAAGCATTGCAGGTGGAAGCTGGGAGCCATGTGGGGGTAGAGCGTTTTTACC
TTTAATTATAAAACAAAAACAGAAAGGATCTGAGGGAAGAAGGAATGTTAAACCTGAGGATCAGGCA
TTGTGGAATATAAGCTCAAAGGGCTTAGTGAATATTGTCTTAACCAAGTATCTCAGTTTCTGGATGAAA
ATGATGCAGTTATATAGTTGAGAGATTCATAAAGAGAAAAACAATGCTGGGGGTGTTCTGTTTCTGCATC
TTCTTTCAGAGTCAGCAAAAGAGTAACACACCAGCACCCCACTCGACTCTATTTGTTTTTAATTTAAC
TGTCCTATTTTTGACATAGGAGTAAATAAATACTAGAAAAGCAAATCTCATGATATGCTAAAATA
TCATTAGCATTTATTTAAATTGGACCCAGTCTCTGCAGAGTTACCAGGAATCTTTCCTCCAGCATCC
CTTTACTGACCACCTACCTGTACCTCTTGGTTACACTCATTTTTTCCATTTGATAAATTGGAACCAACTT
ATAACTGTTTAATAATTGACACTTTAGATTATCTCTTAATACCTTCTTAATGTCTATATATCCCAGTG
CTCTGGATCAGTGTCTAAAAATCACTGGCAACACTGCATGAGGTTGTTGGTTTTGTTTTGTTTTATTAA
TTAGTCTTTCACAGGAGGAATAATTGCCCTCCTTATATACTTATCTATTGATAATCCCCTCCTCCCTCC
AGAACACAAAATCAGAGGGAAAGGGGGTGTTCAGCTGTACTACCAATCAGGAAGATGAAGGTTTACAA
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ACAGCATTCCAGGCCAGCCAGATGGGACTGCCTGTCTGGAGGCTTTGTTTCATCTCGAAGGACACACAC
TTCCACACTGTTTGTGAGCCCTCCACCTCCACAACCTCAGTTGAAATCAAGTGTGGATCTCAAAG
GGTGCAATTTTATCTTTATATAGGAATACATTTCTAGGGCTTCTTCAAGCCCACTCTCTTACCCTAAT
TTTTCTTATCTTAAATTGAGAGAAAGAGAATTAATCTTATACTTTGTCAAACATTTTTCTACCATATTT
CCAGATGACATCTGCGCTTGAAGAGTCAAAGGAATCTGTGTCTAATATCCTGTTTTTAACTGCTGTAGG
GGCAGGATGGAAGGATGATGGGGCTGCCACACCACTGATTGGCCTTTTCTTTCACGTATTATCCT
TCCTCATTGTGGCAAGGAGTTTCTTCTCTTTTCTTCTCCTTTGGGATCATTGTGTATGAAAAGAAA
AACTTTAAATGACAAACCCAGACTCCAGGTGCCTTGCAAAGGTTGAAGGCCAGCCAGGATTGCTGCTGC
TGCTGCTACTCCTGCCAACCCCTTTTATTGGCATGACGAATGAAAGGATGCATGTCTCCACTTCTCCT
GACCTCCGCCACTTCTTCTCCTCCACCACCCCACTCGTCACTCCTTCCCTCATTATTTTTGT
TAAGTTGTGTGAATTATTTTTAACCCATTATCCTGTTTGTGCATAGGGTTTTTAAGAAGAAACAGCAC
AGTGCAACGAGCAAATCTTTTTGGGGTGTGTGGGAAGCAAGGGAGGGAGGACATGGAGAAAAGTTCTTT
AAACAAATAGCAAATATTGAACATGTGTAATCCTGTATCATTATGAAATATGTATAAAAAGCAAT
GTACCTTCTGGAACAATAAATACTTATTCAATTTTTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_138357.3](#)

Summary: This gene encodes a calcium transporter that localizes to the mitochondrial inner membrane. The encoded protein interacts with mitochondrial calcium uptake 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Locus ID: 90550

MW: 72.6