

## Product datasheet for **SC207931**

### **MYL9 (NM\_006097) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	MYL9 (NM_006097) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MYL9
Synonyms:	LC20; MLC-2C; MLC2; MMIHS4; MRLC1; MYRL2
ACCN:	NM_006097
Insert Size:	2000 bp



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**Insert Sequence:** >SC207931 3'UTR clone of NM\_006097  
 The sequence shown below is from the reference sequence of NM\_006097. 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
AACATGGCGCCAAGGATAAAGACGACTAGGCCACCCAGCCCTGACACCCAGCCCGCCAGTCA
CCCCTCCCGCACACACCCGTCATACAGCTCCCTGCCATGACCCCTCGCTCAGGGATCCCCCTTTGA
GGGGTTAGGGTCCAGTCCAGTGGAAGAAACAGGCCAGGAGAAGTGCCTGCCGAGCTGAGGCAGATG
TTCCACAGTGACCCAGAGCCCTGGGTATAGTCTCTGACCCCTCCAAGGAAAGACCACCTTCTGGGG
ACATGGGTGAGGGCAGGACCTAGAGGCACCAAGGGAAGGCCCATCCGGGGTGTTCGCCGAGGAG
GAAGGGAAGGGGCTCTGTGTCCCCCAGGAGGAAGAGGCCCTGAGTCTGGGATCAGACACCCCTTCA
CGTGTATCCACACAAATGCAAGCTACCAAGTCCCCTCTCAGTCCCCTTCCCTACACCTGACCGG
CCACTGCCGCACACCCAGAGCAGCCACCCGCCATGGGAGTGTGCTCAGGAGTCGCGGGCAGCGT
GGACATCTGTCCAGAGGGGGCAGAATCTCCAATAGAGGACTGAGCACTGCTTCTGGTCTGTGTCTG
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CTGCCCTGCTCCTCCACCCCTGGCCAGGGAAGGACTGGGTGTCTCCGGCCATATGGTCCCTGAAGCC
TCTAGGGACCAGAGTCCCTAGTAAGTGGGCTCTGTGCTCAGTGAGACCAGCAGGGGACAGGGGACGGGA
GGGAATGGGCCTCATGGCCTTCTCAGGGCTTGTGGGAAAGGGAGGACCATGGGAATCACCACAGCCAAT
CCCGTGGAGGGTTCAGGCCTCTTGGGGGCGAGGTCAGGCCACACAGCCCTCAGGACTAAAGTCCG
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CCACAGCTTTCATGTCCCTGTGTACGCAGGGCAGGCAGGGCCGGGACCCCTGCTACTGGTGGATGATG
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CAGAGGGGCATGGACTGCCTGGGTACCCAATAGGCCTAGGGAAGAGTGAGGGCCGGACCCACCCACC
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AGCACTCAGCAAAGTCCAGATCAGGGCCAAGGGGAGCTGAGCACCAGGGGACCTGTGCTGACCA
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GGCTCAAACAGAGGCCCAAAAGTCCCTGGTATCAACTCCAGAAGGGGCGAGACCCGAACAAGTTCAA
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TCCAGCTACACACACGGCCCTGGCAACTCTCAGTCTGGCCACCCATTGATGCTGCCAGGCCCAAGGG
TGTGGGAGGGGGTCTCAGAGTGTCCAGGGTACTGGCCACACATGCCCGACACCAGGGTCATAAGGTC
CTCTCAGCAGAGCCACTGCAGCACCAAAGGCATTTCTGGAAGGAGGCAAGGACGCGTCATCTAGATGTC
AAGCCCCAGCGTGCATTCTGTACAGTTCACCCACCTTACCCCGAGACGGAAGACGGAAGAGCTTC
GCACACAGGCGGGAAGAGGTGAGGACCAGTCCAGCCTCACTGGCTTCAAGAACTGGCCTGGGGGCTACC
AGCGGACCGACTTACGCGTAAGCGGCCCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGGATTTTCGATTCCACCGCCG
  
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**Restriction Sites:** Sgfl-RsrII

**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\\_006097.5](#)

**Summary:** Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 10398

**MW:** 72.5