

Product datasheet for SC202514

Myosin (MYL6) (NM_021019) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Myosin (MYL6) (NM_021019) Human 3' UTR Clone
Symbol: Myosin
Synonyms: ESMLC; LC17; LC17-GI; LC17-NM; LC17A; LC17B; MLC-3; MLC1SM; MLC3NM; MLC3SM
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_021019
Insert Size: 239 bp
Insert Sequence: >SC202514 3'UTR clone of NM_021019
 The sequence shown below is from the reference sequence of NM_021019. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCGTTTGTGAGGCATATCCTGTCTGGGGTGACGGGCCCATGGGGCGGAGCTCGTCCGCATGGTGCTGAAT
GGCTGAGGACCTCCCAGTCTCCCAGAGTCCGTGCCTTCCCTGTGTGAATTTGTATCTAGCCTAAA
GTTTCCCTAGGCTTTCTGTCTCAGCAACTTCCCATCTTGTCTCTTGGATGATGTTTGCCGTCAGC
ATTCACCAAATAAACTTGCTCTCTGGGCCCTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_021019.5](#)



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Summary: Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 4637

MW: 8.5