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Product datasheet for SC202382

Myosin (MYH2) (NM_017534) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Myosin (MYH2) (NM_017534) Human 3' UTR Clone
Symbol:	Myosin
Synonyms:	IBM3; MYH2A; MYHas8; MyHC-2A; MyHC-IIa; MYHSA2; MYPOP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017534
Insert Size:	162 bp
Insert Sequence:	>SC202382 3'UTR clone of NM_017534 The sequence shown below is from the reference sequence of NM_017534. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTTCACACAAAAGTCATAAGTGAAGAGTGATCATGTCCTGATGCCATGGAATGACTGAAGACAGGCACA AAATGTGACATCTTTGGTCATTTCCCTCTGTAATTATTGTGTATTCTACCCTGTTGCAAAGGAAATAAA GCATAGGGTAGTTTGCAAACAATA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_017534.6

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Summary: Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells. Muscle myosins are heterohexamers composed of 2 myosin heavy chains and 2 pairs of nonidentical myosin light chains. This gene encodes a member of the class II or conventional myosin heavy chains, and functions in skeletal muscle contraction. This gene is found in a cluster of myosin heavy chain genes on chromosome 17. A mutation in this gene results in inclusion body myopathy-3. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2009]

Locus ID: 4620

MW: 5.9