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Product datasheet for SC203268

MYH7B (NM_020884) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MYH7B (NM_020884) Human 3' UTR Clone
Symbol:	MYH7B
Synonyms:	MHC14; MYH14
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020884
Insert Size:	279 bp
Insert Sequence:	>SC203268 3'UTR clone of NM_020884 The sequence shown below is from the reference sequence of NM_020884. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACGCCCTGGGCCCCAAGCACAAGGAGTGACGGCCTGACCCCCTGGGCTCTAAAGAGGAATGTCTGCTG TTGCACATCTGGCTGAGGCCACCTGCCCCGATCCTGCCATCTCTGCATCGCCCCCTGCTGCCTTCAGCC TTCCCTGGGCCCTGAATAAACACCACAGCCAGTTTCCTTCTCATTCTTTTCTTTGGGGTTCAGGAGGAA AAACACAGTCCTAGGGACAAAAGCCAGGTCCACAGCAGTCATTTTTAAAATAAAGTTATTTAATAGTCT CCA 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_020884.7

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Summary: The myosin II molecule is a multi-subunit complex consisting of two heavy chains and four light chains. This gene encodes a heavy chain of myosin II, which is a member of the motor-domain superfamily. The heavy chain includes a globular motor domain, which catalyzes ATP hydrolysis and interacts with actin, and a tail domain in which heptad repeat sequences promote dimerization by interacting to form a rod-like alpha-helical coiled coil. This heavy chain subunit is a slow-twitch myosin. Alternatively spliced transcript variants have been found, but the full-length nature of these variants is not determined. [provided by RefSeq, Mar 2010]

Locus ID: 57644

MW: 10.4