

Product datasheet for **SC204888**

MYL12B (NM_001144944) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MYL12B (NM_001144944) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MYL12B
Synonyms:	MLC-B; MRLC2
ACCN:	NM_001144944
Insert Size:	393 bp
Insert Sequence:	>SC204888 3'UTR clone of NM_001144944 The sequence shown below is from the reference sequence of NM_001144944. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAACATGGAGCCAAAGACAAAGATGACTGAAGAAGCTTTAGCTAAAACTTCCAGTTACATTGTCTTAC TCTCTTTTACTTCTCAGACACTTCCCCACCCTCATAGAACCTGTTGCATGCAACTTAGTTTCACAGCT TTGCCTCTTCTTTTGTATTTATTCCAGACCTTTCTGCCACTTAGCACTTGTATAATCAGACTGGA AATGGGGATGAGGGTGTAAATTGTATTGAAAAAGATCGCGAATAAAAAATCAACAAATGTAAAGCCAG AAAAATATATTCGTATTTCTGGTTTTGCTGGATTTTACATTTTATATAATAAAAAATGTTATTTTGA ATAAAGATTATGCTGACTCAAATGCAATGTAAAAAAAAAAAAAAAAAAAA ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u>NM_001144944.1</u>



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Summary: The activity of nonmuscle myosin II (see MYH9; MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments (Iwasaki et al., 2001 [PubMed 11942626]). [supplied by OMIM, Mar 2008]

Locus ID: 103910

MW: 15.3