

## Product datasheet for **SC206542**

### Myotilin (MYOT) (NM\_001135940) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Myotilin (MYOT) (NM_001135940) Human 3' UTR Clone
Symbol:	Myotilin
Synonyms:	LGMD1; LGMD1A; MFM3; TTID; TTOD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001135940
Insert Size:	496 bp
Insert Sequence:	>SC206542 3'UTR clone of NM_001135940 The sequence shown below is from the reference sequence of NM_001135940. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGGACTCTATGAAAGTGAAGAACTTAATAACTTTACCAACATTGGAAAAACGCCAACTACACCATT
AGTAATATATTTGATTACATTTTTTTGAAATTAATCCATAGCTGTATTAACAGATTATGGTTTTAATTA
GGTAATATAGTTAATATATATTTATAATATTTATCCTTTGACTCTTGACATTCTATGTACCCCTC
CGATTTGTGAAGCCTACAGGAAATCTGGGTATATGGATTTGTAAGTGCAGAAGACTATCTTAAAATACA
GGATTTTAAACATTTAAGTCATGCACATTTAAACAATTACAGTTATAAATTAGTATCAACTTTTTAAACA
CATCTAATGCTTGAATAACGTTTACTGGTACTGCTTTCTAAACTGTTTTACCCGTTTTCTCTTGTA
GGAATACTAACATGGTATAGATTATCTGAGTGTCCACAGTTGTATGTCAAAAAGAAAATAAAATTCAAA
TATTTAAAACGGA
ACGCGTAAGCGGCCCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001135940.2</a></u>
<b>Summary:</b>	This gene encodes a cytoskeletal protein which plays a significant role in the stability of thin filaments during muscle contraction. This protein binds F-actin, crosslinks actin filaments, and prevents latrunculin A-induced filament disassembly. Mutations in this gene have been associated with limb-girdle muscular dystrophy and myofibrillar myopathies. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.[provided by RefSeq, Oct 2008]
<b>Locus ID:</b>	9499
<b>MW:</b>	19.5