

Product datasheet for **SC206544**

Myotilin (MYOT) (NM_006790) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	Myotilin
Synonyms:	LGMDI; LGMDIA; MFM3; TTID; TTOD
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_006790
Insert Size:	496 bp
Insert Sequence:	<p>>SC206544 3'UTR clone of NM_006790</p> <p>The sequence shown below is from the reference sequence of NM_006790. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCTGGACTCTATGAAAGTGAAGAACTTAACTAACTTTACCAACATTGGAAAACAGCCAACTACACCATT AGTAATATATTTGATTACATTTTTTTGAAATTAATCCATAGCTGTATTAACAGATTATGGTTTTAATTA GGTAATATAGTTAATATATATTTATAATATTATTTATCCTTTGACTCTTGCACATTCTATGTACCCCTC CGATTTGTGAAGCCTACAGGAAATCTGGGTATATGGATTTGTAAGTGCAGAAGACTATCTTAAATACA GGATTTTAACATTTAAGTCATGCACATTTAACAATTACAGGTTATAAATTAGTATCAACTTTTTAAACA CATCTAATGCTTGAATAACGTTTACTGGTACTGCTTTCTAAATACTGTTTACCCGTTTTCTCTTGTA GGAATACTAACATGGTATAGATTATCTGAGTGTCCACAGTTGTATGTCAAAAGAAAATAAAATTCAAA TATTTAAACGGA ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_006790.3</u>
Summary:	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]
Locus ID:	9499
MW:	19.5