

Product datasheet for RC202797L3V

OriGene Technologies, Inc.

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Myotilin (MYOT) (NM 006790) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Myotilin (MYOT) (NM_006790) Human Tagged ORF Clone Lentiviral Particle

Symbol: Myotilin

Synonyms: LGMD1; LGMD1A; MFM3; TTID; TTOD

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 006790

ORF Size: 1494 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC202797).

OTI Disclaimer:

Cytogenetics:

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 006790.1

 RefSeq Size:
 2290 bp

 RefSeq ORF:
 1497 bp

 Locus ID:
 9499

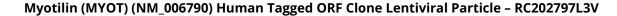
 UniProt ID:
 Q9UBF9

Domains: ig, IGc2, IG

5q31.2

MW: 55.4 kDa







Gene Summary:

This gene encodes a cystoskeletal 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]