

MYOT 抗原（重组蛋白）

中文名称：MYOT 抗原（重组蛋白）

英文名称：MYOT Antigen (Recombinant Protein)

别名：MFM3; TTID; TTOD; LGMD1; LGMD1A

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 299-498 amino acids of human MYOT

技术规格：

Full name:	myotilin
Synonyms:	MFM3; TTID; TTOD; LGMD1; LGMD1A
Swissprot:	Q9UBF9
Gene Accession:	BC005376
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.