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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

MYOT (Human) Recombinant Protein (P01)

Catalog Number: H00009499-P01

Regulation Status: For research use only (RUO)

Product Description: Human MYOT full-length ORF (NP_006781.1, 1 a.a. - 498 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MFNYERP KHF IQSQNPCG SRLQPPGPETSSSFSSQTKQ
SSIIQPRQCTEQRF SASSTLSSHITMSSSAFPASPQQH
AGSNPGQRVTTTYNQSPASFLSSILPSQPDYNSSKIPS
AMDSNYQQSSAGQPINAKPSQTANAKPIRTPDHEIQ
GSKEALIQDLERKLKCKD TLLHNGNQRLTYEEKMARR
LLGPQNAAAVFQAQDDSGAQDSQQHNSEHARLQVPT
SQVRSRSTSRGDVNDQDAIQEKFYPPRFIQVPENMSI
DEGRFCRMDFKVSGLPAPDVSWYLN GR TVQSDDLHK
MIVSEKGLHSLIFEVVRASDAGAYACVAKNRAGEATFT
VQLDVLAKEHKRAPMFIYKPQSKK VLEGDSVKLECCQIS
AIPPKLFWKRNNEMVQFNTDRISLYQDNTGRVTLLIK
DVNKKDAGWYTVSAVNEAGVTTCNTRLDVTARPNQT
LPAPKQLRVRPTFSKYLALNGKGLNVKQAFNPEGEFQ
RLAAQSGLYESEEL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 81.8

Interspecies Antigen Sequence: Mouse (89); Rat (90)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9499

Gene Symbol: MYOT

Gene Alias: LGMD1, LGMD1A, TTID

Gene 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]