

Datasheet for ABIN7561544

**Myotilin Protein (MYOT) (AA 1-496) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Myotilin (MYOT)
Protein Characteristics:	AA 1-496
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myotilin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Myot Protein expressed in mammalien cells.
Sequence:	MFNYERPKHF IQPQNPCGSR LQPPGPEVSG FPSQTKQSSI VIQPRQCTEQ RFSASSTVSS HITVSSSAYP APQQLAGPNP GQKVTATYNQ SPASFLSSIL PSQPDYCN SK IPSTVDSNYQ QSSVNQPVNA MSSQAANARP TPKTPDHEIQ GSKEALIQDL ERCLKCKD TL LHNGNQRLTY EEKMARRLLG PQNAAAVFQA QNSDVQDSPQ HNPEQARLHV PTSQVRSRSS SRAEANDQDA IQEKFYPPRF IQVPENMSIE EGRFCRMDFK VSGLPAPDVS WYLN GRPVQS DELHKMIVSE KGFHSLIFEV VRASDAGPYA CVARNRAGEA TFTVQLDVLA KEHKRAPMFI FKPQSKKVFE GETVKLECQI SAIPPPKLFW KRNNEMVQFN TDRISLYHDN AGRVTL LIKD VNKKDAGWYT VSAVNEAGVT TCNTRLDVTA RPIQTL PPAK QLRVRPTFSK YLALNGRGLD VKQAFNPEGE FQRLAAQSG L YESEEL <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>

## Product Details

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

Myotilin (MYOT)

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### Alternative Name:

Myot ([MYOT Products](#))

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### Background:

Myotilin (Myofibrillar titin-like Ig domains protein) (Titin immunoglobulin domain protein),FUNCTION: Component of a complex of multiple actin cross-linking proteins. Involved in the control of myofibril assembly and stability at the Z lines in muscle cells (By similarity). {ECO:0000250}.

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### Molecular Weight:

55.3 kDa

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### UniProt:

[Q9JIF9](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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### Restrictions:

For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months