

Datasheet for ABIN7561887

MYOM3 Protein (AA 1-1439) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MYOM3
Protein Characteristics:	AA 1-1439
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYOM3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Myom3 Protein expressed in mammalian cells.
Sequence:	<p>MTLPHSPGSA GEPQASQTVQ VHRLEHRQEE EQKEERQHSL QMGSSVQRRT YRSSEEEQQF SSEDYALAAA LALTASSELS WEAKLRRQTT TVELEERGQR RVGFGNDLER MELAFRLRQR LLRQRDWA LRQRTEEKVR EAKELIELCS GRGPWFWIPL RSHAVWEHTT VLLTCTVQGS PPFQVTWYKN DIRIDPRLFP AGKYRITNNY GLLTLEIMRC TVEDSATYTV LVKNAYGQAS SFAKVLIRNY LGKDAGFDSE IFKRSMFGPS AEFTSVLKPI FAQEKEPFSL TCLFSDDVLE AEQRIQWYRD GRLLRSSTRR QILYADRQAS VKVSCAYKED EGFYTIRVSS PFGPQEQSAY VFIRDAAA EK PGAPGSPLNV RCLNVHRDCL TLTWVPPSDT RGSTITGYSI EMCQGDSEEW MPCLKAPGGT CRCPIQLVE GQSYQFRVRA ISKAGTSLPS KASEAVVTGD YDAVHKSTEI PYDLGSKITI SKNDFEAVT IPSAPTNVHA SEIREAYAVL SWEEPRRGR APLTYTLEKS VIGSGTWEAI STETPIKSPR FALLDLEK GK SYVFRVRALN QYGMSDPSEP SEPVALK GK P ATLPPPAQVQ AFRNTQTSVS LAWEPVDGGS ELLGYIYSR EAGASEWQTV N NKPIQDTKF TVPGLRTGKE YDFCIRSVSE AGVGESSAAT QPVRVKQALA TPSAPYDFAL LNCGKNEMVI</p>

GWKPPKRRGG GKILGYFMDQ HDSVESDWHP VNRQPIPSRV CKVTNLHEGH FYEFRARAVN
WAGIGELSAP SSLFECKEWT MPEPGPPYDV RVSEVQATSV MLQWEPPLYI GAGPVTGYHV
SFQEKGSSEEW KPVTDPDATSD THLRVSDLQP GKQYMFRVQA MNSAGLGQPS VPTDPLLED
KPD AQEIEVG VDDEGQIYLA FEAPEAPDFP EFQWSKDYQG PDPQRVEVE DEISKSKVIL
KEPDLQDLGI YSVVVPDADE DTSASHTLTE EELNKLKLS HEIRNPVIKL ISGWNVEILE
QGEVRLWLEV EKLSPAAELH LIFNEKEIFS SPNRKINFDR EKGLVEVIQ QLS EDDKGSY
TAQLQDGKAK NQITLALVDD EFDKLLRKAD AKRRDWKRKQ GPYFQEPLTW KVTDDCQVLL
SCKVTNTKKE SRFQWFFQKK EAPHGQYNPP TGDGSL SIEG FSKENQGVYR AVSDERGED
DTVLDTGEA LDAVLTELGR IGALSATPLK IQGTEEGIRL FSKVKYYNVD YMKTAWFHKD
KRLESGDRVR AGTTLDEIWL HILDPKDSK GKTYLITAG KEVRLSADL SGQAFDDALA
EHQRLKALAV IEKNRAKVVR GLPDVATIME DKTLC LTCVI SGDPSPEISW LKNDQPISFF
DRYHMEVKGT EVTVTIDKVT SEDSGRYGIF VKNKYGSETG QVTISVFKHG EEPKELKKK

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target:	MYOM3
Alternative Name:	Myom3 (MYOM3 Products)
Background:	Myomesin-3 (Myomesin family member 3),FUNCTION: May link the intermediate filament cytoskeleton to the M-disk of the myofibrils in striated muscle. {ECO:0000250}.
Molecular Weight:	161.8 kDa
UniProt:	A2ABU4

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months