

Datasheet for ABIN7554658
MYOM3 Protein (AA 1-1437) (His tag)



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Overview

Quantity:	1 mg
Target:	MYOM3
Protein Characteristics:	AA 1-1437
Origin:	Human
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>MTLPHSLGGA GDPRPPQAME VHRLEHRQEE EQKEERQHSL RMGSSVRRRT FRSEEEHEF SAADYALAAA LALTASSELS WEAQLRRQTS AVELEERGQK RVGFGNDWER TEIAFLQTHR LLRQRDWT LRRRTEEKVQ EAKELRELCY GRGPWFVIPL RSHAVWEHTT VLLTCTVQAS PPPQVTWYKN DTRIDPRLFR AGKYRITNNY GLLSLEIRRC AIEDSATYTV RVKNAHGQAS SFAKVLVRTY LGKDAGFDSE IFKRSTFGPS VEFTSVLKPV FAREKEPFSL SCLFSEDVLD AESIQWFRDG SLLRSSRRRK ILYTDRQASL KVSCTYKEDE GLYMVRVPSP FGPREQSTYV LVRDAEAENP GAPGSPLNVR CLDVNRDCLI LTWAPPSDTR GNPITAYTIE RCQGEGEWI ACHEAPGGTC RCPIQGLVEG QSYRFRVRAI SRVGSSVPSK ASELVVMGDH DAARRKTEIP FDLGNKISIS TDAFEDVTI PSPPTNVHAS EIREAYVWLA WEEPSRDRRA PLTYSLEKSV IGSQTWEAIS SESPVRSPRF AVLDLEKKKS YVFRVRAMNQ YGLSDPSEPS EPIALRGPPA TLPPPAQVQA FRDTQTSVSL TWDPVKDPEL LGYYIYSRKV GTSEWQTVNN KPIQGTRFTV PGLRTGKEYE FCVRSVSEAG VGESSAATEP IRVKQALATP SAPYGFALLN CGKNEMVIGW</p>

KPPKRRGGGK ILGYFLDQHD SEELDWHAVN QQPIPTRVCK VSDLHEGHFY EFRARAANWA
GVGELSAPSS LFECKEWTMP QPGPPYDVRA SEVRATSLVL QWEPPLYMGA GPVTGYHVVSF
QEEGSEQWKP VTPGPISGTH LRVSDLQPGK SYVFVQAMN SAGLGQPSMP TDPVLLEDKP
GAHEIEVGVD EEGFIYLAFE APEAPDSSEF QWSKDYKGPL DPQRVKIEDK VNKSKVILKE
PGLEDLGTYS VIVTDADEDI SASHTLTEEE LEKLLKLSHE IRNPVIKLIS GWNIDILERG
EURLWLEVEK LSPAAELHLI FNNKEIFSSP NRKINFIREK GLVEVLIQNL SEEDKGSYTA
QLQDGKAKNQ ITLTLVDDDF DKLLRKADAK RRDWKRKQGP YFERPLQWKV TEDCQVQLTC
KVTNTKKETR FQWFFQRAEM PDGQYDPETG TGLLCIEELS KKDKGIYRAM VSDDRGEDDT
ILDLTGDALD AIFTELGRIG ALSATPLKIQ GTEEGIRIFS KVKYYNVEYM KTTWFHKDKR
LESGDRIRTG TTLDEIWLHI LDPKDSKGGK YTLIEAAGKE VRQLSTDLSG QAFEDAMAEH
QRLKTLAIE KNRKVVVRL PDVATIMEDK TLCLTCIVSG DPTPEISWLK NDQPVTFLDR
YRMEVRGTEV TITIEKVNSE DSGRYGVFVK NKYGSETGQV TISVFKHGDE PKELKSM **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:	162.2 kDa
UniProt:	Q5VTT5

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