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MYO3B Protein (AA 1-1341) (His tag)



Image



Overview

Quantity:	1 mg
Target:	MYO3B
Protein Characteristics:	AA 1-1341
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYO3B protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:

MKHLYGLFHY NPMMLGLESL PDPTDTWEII ETIGKGTYGK VYKVTNKRDG SLAAVKILDP VSDMDEEIEA EYNILQFLPN HPNVVKFYGM FYKADHCVGG QLWLVLELCN GGSVTELVKG LLRCGQRLDE AMISYILYGA LLGLQHLHNN RIIHRDVKGN NILLTTEGGV KLVDFGVSAQ LTSTRLRRNT SVGTPFWMAP EVIACEQQYD SSYDARCDVW SLGITAIELG DGDPPLFDMH PVKTLFKIPR NPPPTLLHPE KWCEEFNHFI SQCLIKDFER RPSVTHLLDH PFIKGVHGKV LFLQKQLAKV LQDQKHQNPV AKTRHERMHT RRPYHVEDAE KYCLEDDLVN LEVLDEDTII HQLQKRYADL LIYTYVGDIL IALNPFQNLS IYSPQFSRLY HGVKRASNPP HIFASADAAY QCMVTLSKDQ CIVISGESGS GKTESAHLIV QHLTFLGKAN NQTLREKILQ VNSLVEAFGN SCTAINDNSS RFGKYLEMMF TPTGVVMGAR ISEYLLEKSR VIKQAAREKN FHIFYYIYAG LHHQKKLSDF RLPEEKPPRY IADETGRVMH DITSKESYRR QFEAIQHCFR IIGFTDKEVH SVYRILAGIL NIGNIEFAAI SSQHQTDKSE VPNAEALQNA ASVLCISPEE LQEALTSHCV VTRGETIIRA NTVDRAADVR DAMSKALYGR LFSWIVNRIN TLLQPDENIC SAGGGMNVGI

LDIFGFENFQ RNSFEQLCIN IANEQIQYYF NQHVFALEQM EYQNEGIDAV PVEYEDNRPL

LDMFLQKPLG LLALLDEESR FPQATDQTLV DKFEDNLRCK YFWRPKGVEL CFGIQHYAGK

VLYDASGVLE KNRDTLPADV VVVLRTSENK LLQQLFSIPL TKTGNLAQTR ARITVASSSL

PPHFSAGKAK VDTLEVIRHP EETTNMKRQT VASYFRYSLM DLLSKMVVGQ PHFVRCIKPN

DDREALQFSR ERVLAQLRST GILETVSIRR QGYSHRILFE EFVKRYYYLA FTAHQTPLAS

KESCVAILEK SRLDHWVLGK TKVFLKYYHV EQLNLLLREV IGRVVVLQAY TKGWLGARRY

KRVREKREKG AIAIQSAWRG YDARRKFKKI SNRRNESAAH NQAGDTSNQS SGPHSPVAAG

TRGSAEVQDC SEPGDHKVLR GSVHRRSHSQ AESNNGRTQT SSNSPAVTEK NGHSQAQSSP

KGCDIFAGHA NKHSVSGTDL LSSRICHPAP DQQGLSLWGA PQKPGSENGL AQKHRTPRRR

CQQPKMLSSP EDTMYYNQLN GTLEYQGSKR KPRKLGQIKV LDGEDEYYKS LSPVDCIPEE

NNSAHPSFFS SSSKGDSFAQ H

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- · Made in Germany from design to production by highly experienced protein experts.
- Human MYO3B Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered. The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient of each protein.

Purification:

Two step purification of proteins expressed in baculovirus infected SF9 insect cells:

Buffer:

Molecular Weight: UniProt	152.8 kDa Including tag. 08WXR4
UniProt:	Q8WXR4
Application Details	
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 gurantee
	though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be
	insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to
	increase solubility. We will discuss all possible options with you in detail to assure that you
	receive your protein of interest.
Restrictions:	For Research Use only
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Handling	
Handling	
Format:	Liquid
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100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)

Images

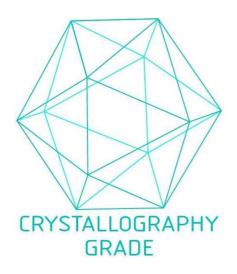


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process