

Datasheet for ABIN7563597

FMN1 Protein (AA 1-1466) (His tag)



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Overview

Quantity:	1 mg
Target:	FMN1
Protein Characteristics:	AA 1-1466
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FMN1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Fmn1 Protein expressed in mammalian cells.
Sequence:	MEGTHCTLQL HNPIAELCYI SFYLPKGEVR GFSYKGTVTL DRSNNAFHNC YQVREGPDIT SLSQQPNEHP GDIFFKQTPT KNILTLYKL TAEKERLLDS LLRSDNILGV SMGSQEGKLQ ELSVILATGD EYFQSAGNWR RELPVSSLIR RSTQENKKPR RSGRRRESPE ELRQKRTRRK GRGCQESAFQ MGKDQVCSSS SLSFRARPNL RLLEERGNLV PRGTLTSSLR RRESPANIL RTPDADLAFG NSGRTSEDTD LEGPLSPDSS PTEVGDAVDG GQLKSSHQQE PPQPNVSESH GKHAGAERWS SRTRKSKSLE RTCSKKPVSK VVAKIQEPSA PVKRIVRAHH DGKGRVAYGP ETQTEFIPKA DFLTLPGET ETHSSGRLEE EQPGIKSLRS SAPERASITK EPASTEAAVN KVLRKVIESE KLDEATEGKR LGFSLNTRAT HTFPETRSQR KAGLPQSGHK FLLLDLPHTV GPDSPQPKCD EKKPTPQVPT ALGMVFNNSS PQSSAHKRLS PVPSPLSPRC PSPQQHHRIL LLPPLPSEGE VVFNEYPSRK NDVSSGFPSA DTLEPSSTTK VTETKGASPT SLRASQTLWV SEEASEKGLG PEKITAPPQH QLPPGIASEG FPCDNFKEQT AKDLPNKDGG VWVPGYRAGP

PCPFLLEEK EKTSRSELYL DLNPDQSPTQ QDDRTPGRLQ AVWPPPKTKD TEEKVGLKYT
EAEYQAAILH LKREHKEEIE TLQAQFELKT FHIRGEHALV TARLEEAIEN LKQQLGKRRE
GCEEMRDVCI STDDDCSPKA FRNVCIQTDR ETFLKPCDAE SKATRSSHQIV PKKLTISLTQ
LSPSKDSKDI HAPFQTREGT SSSSQHKISP PAPPTPPPLP PPLIPPPPL PPGLGPLPPA
PPIPPVCPVS PVPVPPSDGPP PVPVPPPLP NVLALPNSGG PVPVPPPPPP
GLAPPPPPGL SFGLSSSSSQ YPRKPAIEPS CPMKPLYWTR IQINDKSQDA APTLWDSLEE
PHIRDTEFE YLFSKDTTQQ KKKPLSEAYE KKNKVKKIIL LLDGKRSQTV GILISLHLE
MKDIQQAIFT VDDSVVDLET LAALYENRAQ EDELTKIRKY YETSKEEDLK LLDKPEQFLH
ELAQIPNFAE RAQCIIFRAY FSEGITSLHR KVEIVTRASK GLLHMKSVKD ILALILAFGN
YMNGGNRTRG QADGYSLEIL PKLKDVKSRD NGMNLVDYVV KYLYRYDQC KHHDQEASCR
GKDLFSLYFH IAVHPQRKSG LELKQEAGTD KSVFPLPEPQ DFFLASQVKF EDLLKDLRKL
KRQLEAQQ MKLVCKESPR EYLQPFKDKL EEFKFKAKKE HKMEESHLEN AQKSFETTQV
YFGMKPKTGE KEVTPSYVFM VWFEFCSDFK TIWKRESKNI SKERLKMAQA SVSKLTSEKK
VETKKINPTA SLKERLRQKE ASVATN **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:	FMN1
Alternative Name:	Fmn1 (FMN1 Products)
Background:	Formin-1 (Limb deformity protein),FUNCTION: Plays a role in the formation of adherens junction and the polymerization of linear actin cables. {ECO:0000269 PubMed:14647292, ECO:0000269 PubMed:15198975}.
Molecular Weight:	163.6 kDa
UniProt:	Q05860
Pathways:	Regulation of Actin Filament Polymerization

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 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