

Datasheet for ABIN7553949

FMN1 Protein (AA 1-1419) (His tag)



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Overview

Quantity:	1 mg
Target:	FMN1
Protein Characteristics:	AA 1-1419
Origin:	Human
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 HKPITELCYI SFCLPKGEVR GFSYKGTVTL DRSNKG FHNC YQVREESDII SLSQEPDEHP GDIFFKQTPT KDILT ELYKL TTERERLLTN LLSSDHILGI TMGNQEGKLQ ELSVSLAPED DCFQSAGDWQ GELPVGPLNK RSTHGNNKKPR RSSGRRESFG ALPQKRTKRK GRGGRESAPL MGKDKICSSH SLPLSRTRPN LWVLEEKGNL LPNGALACSL QRRESCPPDI PKTPD TDLGF GSFETAFKDT GLGREVLPPD CSSTEAGGDG IRRPPSGLEH QQTGLSESHQ DPEKHPEAEK DEMEKPAKRT CKQKPVSQV AKVQDLSSQV QRVVKT HSKG KETIAIRPAA HAEFVPKADL LTLPGA EAGA HGSRRQGKER QGDRSSQSPA GETASISSVS ASAEGAVNKV PLKVIESEKL DEAPEGKRLG FVHTSV PHT RPETRNKRRR GLPLGGHKSL FLDLPHKVGP DSSQPRGDKK KPSP PAPAAL GKVFNNSASQ SSTHKQTSPV PSPLSPRLPS PQQHHRILRL PALPGEREAA LNDSPCRKSR VFSGCVSADT LEPPSSAKVT ETKGASPAFL RAGQPRLVPG ETLEKSLGPG KTTAEPQHQS PPGISSEGFP WDFNEQTPK DLPNRDGGAW VLG YRAGPAC

PFLHHEEREK SNRSELYLDL HPDHSLTEQD DRTPGRLQAV WPPPKTKDTE EKVGLKYTEA
EYQAAILHLK REHKEEENL QAQFELRAFH IRGEHAMITA RLEETIENLK HELEHRWRGG
CEERKDVCIS TDDDCPPKTF RNVCVQTDRE TFLKPCESSES KTTRSNQLVP KKLNISSLSQ
LSPPNHDKDI HAALQPMEGM ASNQKALPP PPASIPPPPP LPSGLGSLSP APPMPPVSAG
PPLPPPPPPP PPLPPPSSAG PPPPPPPPL PNSPAPPNPG GPPPAPPPPG LAPPPPPGLF
FGLGSSSSQC PRKPAIEPSC PMKPLYWTRI QISDRSQNAT PTLWDSLEEP DIRDPSEFEY
LFSKDTTQQK KKPLSETYEK KNKVKKIIL LDGKRSQTVG ILISSHLHEM KDIQQAIFNV
DDSVVDLETL AALYENRAQE DELVKIRKYY ETSKEEELKL LDKPEQFLHE LAQIPNFAER
AQCIIFRSVF SEGITSLHRK VEITRASKD LLHVKSVDI LALILAFGNY MNGGNRTRGQ
ADGYSLEILP KLKDVKSRDN GINLVDYVVK YYLRYDQEA GTEKSVFPLP EPQDFFLASQ
VKFEDLIKDL RKLKRQLEAS EKQMVVCKE SPKEYLQPFK DKLEEFFQKA KKEHKMEESH
LENAQKSFET TVRYFGMKPK SGEKEITPSY VFMVWYEFCS DFKTIWKRES KNISKERLKM
AQESVSKLTS EKKVETKIN PTASLKERLR QKEASVTTN **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 homolog),FUNCTION: Plays a role in the formation of adherens junction and the polymerization of linear actin cables. {ECO:0000250}.
Molecular Weight:	157.6 kDa
UniProt:	Q68DA7
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