

Datasheet for ABIN7553919

FHOD3 Protein (AA 1-1422) (His tag)



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Overview

Quantity:	1 mg
Target:	FHOD3
Protein Characteristics:	AA 1-1422
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FHOD3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FHOD3 Protein expressed in mammalian cells.
Sequence:	MATLACRVQF LDDTDPFNST NFPEPSRPPL FTFREDLALG TQLAGVHRL QAPHKLDDCT LQLSHNGAYL DLEATLAEQR DELEGFQDDA GRGKKHSIL RTQLSVRVHA CIEKLYNSSG RDLRRALFSL KQIFQDDKDL VHEFVVAEGL TCLIKVGAEA DQNYQNYILR ALGQIMLYVD GMNGVINRNE TIQWLYTLIG SKFRLVKTA LKLLLVFVEY SESNAPLLIQ AVTAVDTKRG VKPWSNIMEI LEEKDGVDT LLYVAMTLVN KTLSGLPDQD TFYDVVDCLE ELGIAAVSQR HLNKKGTDL LVEQLNIYEV ALRHEDGDET TEPSPSGCRD RRRASVCSG GGEHRGLDRR RSRRHSVQSI KSTLSAPTSP CSQSAPSFKP NQVRDLREKY SNFGNNSYHS SRPSSGSSVP TTPTSSVSPP QEARLERSPP SGLLTSSFRQ HQESLAAERE RRRQEREERL QRIEREERNK FRYKYLEQLA AEEHEKELRS RSVSRGRADL SLDLTSPAAP ACLAPLSHSP SSSDSQEALT VSASSPGTPH HPQASAGDPE PESEAEPEAE AGAGQVADEA GQDIASAHEG AETEVEQALE QEPEERASLS EKERQNEGVN ERDNCSASSV SSSSSTLERE EKEDKLSRDR TTGLWPAGVQ DAGVNGQCGD ILTNKRFMLD MLYAHNRKSP DDEEKGDGEA GRTQQEAEAV ASLATRISTL

QANSQTQDES VRRVDVGCLD NRGSVKAF AE KFNSGDLGRG SISPD AEPND KVPETAPVQP
KTESDYIWDQ LMANPRELRI QDMDFTDLGE EDDIDVLDVD LGHREAPGPP PPPPPTFLGL
PPPPPPPLLD SIPPPVPGN LLVPPPPVFN APQGLGWSQV PRGQPTFTKK KKTIRLFWNE
VRPFDWPCKN NRRCREFLWS KLEPIKVDT S RLEHLFESKS KELSVSKKTA ADGKRQEIV
LDSKRSNAIN IGLTVLPPPR TIKIAILNFD EYALNKEGIE KILTM IPTDE EKQKIQEAQL ANPEIPLGSA
EQFLLTLSSI SELSARLHLW AFKMDYETTE KEVAEPLLDL KEGIDQLENN KTLGFILSTL
LAIGNFLNGT NAKAFELSYL EKVP EVKDTV HKQSLLHHVC TMVVENFPDS SDLYSEIGAI
TRSAKVDFDQ LQDNLCQMER RCKASWDHLK AIAKHEMKPV LKQRMSEFLK DCAERIIILK
IVHRRRIINRF HSFLFMGHP PYAIREVNIN KFCRIISEFA LEYRTTRERV LQQKQKRANH
RERNKTRGKM ITDSGKFSGS SPAPPSQPQG LSYAEDAAEH ENMKAVLKTS SPSVEDATPA
LGVRTSRAS RGSTSSWTMG TDDSPNVTDD AADEIMDRIV KSATQVPSQR VVPRERKRSR
ANRKSRLRTL KSGLTPEEAR ALGLVG TSEL QL

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:	FHOD3
Alternative Name:	FHOD3 (FHOD3 Products)
Background:	FH1/FH2 domain-containing protein 3 (Formactin-2) (Formin homolog overexpressed in spleen 2) (hFHOS2),FUNCTION: Actin-organizing protein that may cause stress fiber formation together with cell elongation (By similarity). Isoform 4 may play a role in actin filament polymerization in cardiomyocytes. {ECO:0000250, ECO:0000269 PubMed:21149568}.
Molecular Weight:	158.6 kDa
UniProt:	Q2V2M9
Pathways:	Regulation of Actin Filament Polymerization

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