

Datasheet for ABIN7564181
FHOD3 Protein (AA 1-1578) (His tag)



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Overview

Quantity:	1 mg
Target:	FHOD3
Protein Characteristics:	AA 1-1578
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FHOD3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Fhod3 Protein expressed in mammalian cells.
Sequence:	MATLACRVQF LDDTDPFNST NFPEPSRPPL FTFREDLALG TQLAGVHRL RAPHKLDDCT LQLSHNGAYL DLEATLAEQR DELEGFQDDT GRGKKNSIIL RTQLSVRVHA CIEKLYNSSG RDLRRALFSL KQIFQDDKDL VHEFVIAEGL TCLIKVGAEA DQNYQNYILR ALGQIMLYVD GMNGVINHSE TIQWLYTLVG SKFRLVVKTA LKLLLVFVEY SESNAPLLIQ AVSAVDTKRG VKPWSNIMEI LEEKDGVDTL LLVYAMTLVN KTLAGLPDQD TFYDVVDCLE ELGIAAVSQR HLNKKGTDL LLEQFNIYEV ALRHEDGDET AEPSPSGHRD RRRASMCSSG TVGEQQGLDR RRSRHSIQN IKSPLSAPTS PCSPSVPAFK PSQVRDLCEK DEEEEEEEEQ PITEPNSEEE REDDAQCGK DSKASSASGQ SSPGKDAAPE SSALHTTSSP TSQGRWLSAS TAARSPVLGG TSGPEASRPA ARLLPPSPGL ATRPSTAPKV SPTIDKLPYV PHSPFHLSY DFEDSPLLTK DKGGDSQTEN RYSNFSSNSF QSSRPSGPS GSPSYASSFS SPQDTRSSPS GLLTSSFRQH QESLAAERER RRQEREERLQ RIEREERNKF NREYLDKREE QRQARGERYK YLEQLAAETQ

EKEPRSQSVS RGRADLSLDL SLPAAPAPPS PSSQSPSADS QEALPVPSSP PTLQCPQVSG
KDHEPELEAE AGQGADEASQ DIASAHGAE SQEEPVLELE PEERASLSEK ERQNEEVNER
DNCSASSISS SSSTLEREEK EDKLSERAT GLWSTSLQDV GVNGQCGDIL TSKRFMLDML
YAHNRKSTED EEKDDGEPGR SAQEVEAVAS LATRISTLQA NSQAPEESIK RVDIGCLDNR
GSVKAFAEKF NSGEVGRGAI SPDVESQDKV PDTPPAQLKT ESDYIWDQLM ANPRELRIQD
MDFTDLGEED DIDVLDVDLG HREAPGPPPP PPPTFLGLPP PPPPPLDSV PPPPVPGNLL
ASPVFNT PQG LGWSQVPRGQ PAFTKKKKTI RLFWNEVRPF EWPSKNNRRC REFLWSKLEP
IKVDTSRLEH LFESKSKELS VTKKTAADGK RQEIIVLDSK RSNAINIGLT VLPPPTIKI AILNFDEYAL
NKEGIEKILT MIPTEEKQK IQEAQLANPE VPLGSAEQFL LTSSISELS ARLHLWAFKM
DYETTEKEVA EPLLDLKEGI DQLENNKTLG FILSTLLAIG NFLNGTNAKA FELSYLEKVP
EVKDTVHKQS LLHHVCTMVV ENFPDSSDLY SEIGAITRSA KVDFDQLQDN LCQMERRCKA
SWDHLKAIK HEMKPKVKQR MSEFLKDCAE RIILKIVHR RIINRFHSFL LFMGHPPYAI
REVNINKFCR IIEFALEYR TTRERVQQK QKRANHRERN KTRGKMITDS GKFSGSSPAA
PSQPQGLSYA EDAAEHENMK AVLKTSSPAL EDATPVLGVR TRSRASRGST SSWTMGTEES
PSVTDDAADE IMDRIVKSAT QVPSQRVVPR ERKRSRANRK SLRRTLKSGL TPEEARALGL
VGTSSELQL **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:	FHOD3
Alternative Name:	Fhod3 (FHOD3 Products)
Background:	FH1/FH2 domain-containing protein 3 (Formin homolog overexpressed in spleen 2) (mFHOS2),FUNCTION: May play a role in actin filament polymerization in cardiomyocytes (By similarity). Actin-organizing protein that may cause stress fiber formation together with cell elongation. {ECO:0000250, ECO:0000269 PubMed:15966898}.
Molecular Weight:	175.7 kDa
UniProt:	Q76LL6
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