

Datasheet for ABIN7558674
FRMD4A Protein (AA 1-1020) (His tag)



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Overview

Quantity:	1 mg
Target:	FRMD4A
Protein Characteristics:	AA 1-1020
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRMD4A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Frmd4a Protein expressed in mammalian cells.
Sequence:	MTEGRRCQVH LLDDRKLELL VQPKLLAKEL LDLVASHFNL KEKEYFGIAF TDETGHLNWL QLDRRVLEHD FPKKSGPVVL YFCVRFYIES ISYLKDNATI ELFFLNAKSC IYKELIDVDS EVVFELASYI LQEAKGDFSS NEVVRSDLKK LPALPTQALK EHPSLAYCED RVIEYYKCLN GQTRGQAINV YMSIVESLPT YGVHYYAVKD KQGIPWWLGL SYKGIFQYDY HDKVKPRKIF QWRQLENLYF REKKFSVEVH DPRRASVTRR TFGHSGIAVH TWYACPALIK SIWAMAI SQH QFYLDKQSK SKIHAARSLS EIAIDL TETG TLKTSKLANM GSKGKIISGS SGSLSSGSQ ESDSSQSACK DMLAALKSRQ EALEETLRQR LEELKRLCLR EAELTGKLPV EYPLDPGEEP PIVRRRIGTA FKLDEQKILP KGEEAELERL EREFAIQSQI TEAARRLASD PNVSKKLLKQ RKTSYLNALK KLQEIENAIN ENRIKSGKPP TQRASLVIDD GNIASEDSSL SDALVLEDED SQVTSTISPL QSPHKGLPPR PPSSHNRP PPQSLEGLRQL HYHRTDYDKS PLKPKMWSES SLDEPYEKVK KRSSHGHSSS HKRFPSTGSC TEAGVSSSLQ NSPIRSLPHW NSQSSMPSTP DLRVRSPHYV HSTRSVDISP TRLHSLALHF RHRSSSLESQ GKLLGSENDT GSPDFYTPRT

Product Details

RSSNGSDPMD DCSSCTSHSS SEHYYP AQMN ANYSTLAEDS PSKARQRQRQ RQRAAGALGS
ASSGSMPNLA ARSGAASTGG GVYLHSQSQP SSQYRIKEYP LYIEGSATPV VVRSLESDQE
GHYSVKAQFK TSNSYTAGGL FKESWRGGGD EGDAGRLTPS RSQILRTPSL GRDGAHDKGS
GRAAVSDELR QWYQRSTASH KEHSRLSHTS STSSDSGSQY STSSQSTFVA HSRVTRMPQM
CKATSAALPQ SQRSSTPSSE IGATPPSSPH HILTWQTGEA TENSPIMDGS ESPTHQSTDE

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: FRMD4A

Alternative Name: Frmd4a ([FRMD4A Products](#))

Background: FERM domain-containing protein 4A,FUNCTION: Scaffolding protein that regulates epithelial cell polarity by connecting ARF6 activation with the PAR3 complex (PubMed:20080746). Plays a redundant role with FRMD4B in epithelial polarization (PubMed:20080746). May regulate

Target Details

MAPT secretion by activating ARF6-signaling (By similarity). {ECO:0000250|UniProtKB:Q9P2Q2, ECO:0000269|PubMed:20080746}.

Molecular Weight: 113.9 kDa

UniProt: [Q8BIE6](#)

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