

Datasheet for ABIN7553943
FRMD4A Protein (AA 1-1039) (His tag)



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Overview

Quantity:	1 mg
Target:	FRMD4A
Protein Characteristics:	AA 1-1039
Origin:	Human
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:	MAVQLVPDSA LGLLMMTEGR RCQVHLLDDR KLELLVQPKL LAKELLDLVA SHFNLKEKEY FGIAFTDETG HLNWLQLDRR VLEHDFPKKS GPVVLYFCVR FYIESISYLK DNATIELFFL NAKSCIYKEL IDVDSEVFE LASYILQEAK GDFSSNEVVR SDLKKLPALP TQALKEHPSL AYCEDRVIEH YKKLNGQTRG QAIVNYMSIV ESLPTYGVHY YAVKDKQGIP WWLGLSYKGI FQYDYHDKVK PRKIFQWRQL ENLYFREKKF SVEVHDPARR SVTRRTFGHS GIAVHTWYAC PALIKSIWAM AISQHQFYLD RKQSKSKIHA ARSLSEIAID LTETGTLKTS KLANMGSKGK IISGSSGSL SSGSQESDSS QSAKDMMLAA LKSRQEAL EE TLRQRLEELK KLCLREAELT GKLPVEYPLD PGEEPIVRR RIGTAFKLDE QKILPKGEEA ELERLEREFA IQSQITEAAR RLASDPNVSK KKKQRKTSY LNALKKLQEI ENAINENRIK SGKKPTQRAS LIIDDGNIAS EDSSLSDALV LEEDSQVTS TISPLHSPHK GLPPRPPSHN RPPPPQSLEG LRQMHYHRND YDKSPIPKM WSESSLDEPY EKVKKRSSH SSSSHKRFPS TGSCAEAGGG SNSLQNSPIR GLPHWNSQSS MPSTPDLRVR SPHYVHSTRS VDISPTRLHS LALHFRHRSS SLESQGKLLG

Product Details

SENDTGSPDF YTPRTRSSNG SDPMDDCSSC TSHSSSEHY Y PAQMNNANYST LAEDSPSKAR
QRQRQRQRAA GALGSASSGS MPNLAARGGA GGAGGAGGGV YLHSQSQPSS QYRIKEYPLY
IEGGATPVVV RSLESDQEGH YSVKAQFKTS NSYTAGGLFK ESWRGGGGDE GDTGRLTPSR
SQILRTPSLG REGAHDKGAG RAAVSDLRQ WYQRSTASHK EHSRLSHTSS TSSDSGSQYS
TSSQSTFVAH SRVTRMPQMC KATSAALPQS QRSSTPSSEI GATPPSSPHH ILTWQTGEAT
ENSPILDGSE SPPHQSTDE **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 (By similarity). Plays a redundant role with FRMD4B in epithelial polarization (By similarity). May regulate MAPT

Target Details

secretion by activating ARF6-signaling (PubMed:27044754). {ECO:0000250|UniProtKB:Q8BIE6, ECO:0000269|PubMed:27044754}.

Molecular Weight: 115.5 kDa

UniProt: [Q9P2Q2](#)

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