

Datasheet for ABIN7564839
FRMD4B Protein (AA 1-1035) (His tag)



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Overview

Quantity:	1 mg
Target:	FRMD4B
Protein Characteristics:	AA 1-1035
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRMD4B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Frmd4b Protein expressed in mammalian cells.
Sequence:	MASVFMCGVE DLLFSGSRFV WNLTVSTLRR WYTERLRACH QVLRWCGLR DVYQMTEGRH CQVHLLDDRR LELLVQPKLL SRELLDLVAS HFNLKEKEYF GITFIDDTGQ ENWLQLDHRV LEHDLPPKPG PTLHFAVRF YIESISFLKD KNTVELFFLN AKACVHKQI EVDSETIFKL AALVLQESKG DYTSDENARK DLKTLPVFPT KTLQEHPSLA YCEDRVIEHY LKIKGLTRGQ AVVQYMKIVE ALPTYGVHYY AVKDKQGLPW WLGISYKIG QYDLQDKVKP RKLQWKQLE NLYFREKKFA VEVHDPARRIS VSRRTFGQSG LRVQTYWANS SLIKSIWVMA ISQHQFYLDR KQSKAKIPSA RSLDDIAMDL TETGTQRGSK LVTLEAKSQF IMASNGSLIS SGSQDSEGME EQKREKILEL KKKEKLLQEK LLQKVEELKK ICLREAELTG RMPKEYPLNI GEKPPQVRRR VGTTFKLLDDN LLPTEEDPAL QELESNFLIQ QKLVEAAKKL ASEPDLCKTV KKKRKQDYTD AVKRLQEIEN SINEYRIRCG KKPSQKAAVV PPEDIIPSES SSSLSDTTTYD DPNDSFTLAG QRSSVPHSP RILPPKSLGI ERIHFRKSSI NEQFMDTRHS REMLSTHSSP YKTLERRPQG GRSMPTTPVL TRNAYSSSHL EPDSSSQHCR QRSGSLESQS HLLSEMDSDK PFFTLKSQR

Product Details

SSSTEILDDG SSYTSQSSSE YYCVTPAASP YYTTQTLTDR ARGRRRSKXH SVSTNSGSM
PNLAQKDPLR NGVYSGQDP PPSGYIAGY PPYAECDLYY SGGYVYENDT EGQYSVNPSY
RSSAHYGYDR QRDYSRSFHE DEVDRVPHNP YATLRLPRKA AVKSEHITKN IHKALVAEHL
RGWYQRASGQ KDOGHSPQTS FSDRGSQRC LGFAGLQVPC SPSSRASSYS SVSSTNASGN
WRTQLTIGLS EYENPVHSPY TSYYGSIYNP LSSPSRQYAE TPLDGTGDS QLEDNLEGSE
QRLFWHEDSK PGTLV **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: FRMD4B

Alternative Name: Frmd4b ([FRMD4B Products](#))

Background: FERM domain-containing protein 4B (GRP1-binding protein GRSP1) (Golgi-associated band 4.1-like protein) (GOBLIN),FUNCTION: Member of GRP1 signaling complexes that are acutely recruited to plasma membrane ruffles in response to insulin receptor signaling. May function as

Target Details

a scaffolding protein that regulates epithelial cell polarity by connecting ARF6 activation with the PAR3 complex (PubMed:20080746). Plays a redundant role with FRMD4A in epithelial polarization (PubMed:20080746). {ECO:0000269|PubMed:20080746}.

Molecular Weight: 118.0 kDa

UniProt: [Q920B0](#)

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