

Datasheet for ABIN7553965  
**FRMD4B Protein (AA 1-1034) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	FRMD4B
Protein Characteristics:	AA 1-1034
Origin:	Human
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 QVLRWCGLQ DVYQMTEGRH CQVHLLDDRR LELLVQPKLL ARELLDLVAS HFNLKEKEYF GITFIDDTGQ QNWLQLDHRV LDHDLPPKPG PTILHFAVRF YIESISFLKD KTTVELFFLN AKACVHKGQI EVESETIFKL AAFILQEAKG DYTSDENARK DLKTLPAFPT KTLQEHPSLA YCEDRVIEHY LKIKGLTRGQ AVVQYMKIVE ALPTYGVHYY AVKDKQGLPW WLGISYKGIG QYDIQDKVKP RKLQWKQLE NLYFREKKFA VEVHDP RRIS VSRRTFGQSG LRVQTYWANS SLIKSIWVMA ISQHQFYLDR KQSKAKIPSA RSLDEIAMD L TETGTQRASK LVTLETKSQF IMASNGSLIS SGSQDSEVSE EQKREKILEL KKKEKLLQEK LLKKVEELKK ICLREAELTG KMPKEYPLNI GEKPPQVRRR VGTAFKLLDDN LLPSEEDPAL QELESNFLIQ QKLVEAAKKL ANEPDLCKTV KKKRKQDYTD AMKKLQEIEN AINEYRIRCG KKPSQKATVL PEDIIPSESS SLSDTTTYDD PSDAFTFPQG RSSSVPHSPR ILPPKSLGIE RIHFRKSSIN EQFVDTRQSR EMLSTHSSPY KTLERRPQGG RSMPTTPVLT RNAYSSSHLE PESSSQHCRQ RSGSLESQSH LLEMDSDKP FFSLSKSQRS

## Product Details

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SSTEILDDGS SYTSQSSTEY YCVTPVTGPY YTTQTLDRTR RGRRRSCKQN VSTSNSGSMPL  
NLAQKDSLRLN GVVYSKSQEP SSSYYIAGYT PYAECDFYYS GGYVYENDTE GQYSVNPSYR  
SSAHYGYERQ RDYSRSFHED EVDRVPHNPY ATLRLPRKAA AKSEHITKNI HKALVAEHLR  
GWYQRASGQK DQGHSPQTSF DSDRGSQRCL GFAGLQVPCS PSSRASSYSS VSSTNASGNW  
RTQLTIGLSD YETPAHSSYT SCYGNVYNPL PSPSRQYTEI SQLDGTGDNQ LEDNLESSEQ  
RLFWHEDSKP GTLV **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.**

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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: FRMD4B

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

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Background: FERM domain-containing protein 4B (GRP1-binding protein GRSP1),FUNCTION: Member of GRP1 signaling complexes that are acutely recruited to plasma membrane ruffles in response to insulin receptor signaling. May function as a scaffolding protein that regulates epithelial cell

## Target Details

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polarity by connecting ARF6 activation with the PAR3 complex. Plays a redundant role with FRMD4A in epithelial polarization. {ECO:0000250|UniProtKB:Q920B0}.

Molecular Weight: 118.0 kDa

UniProt: [Q9Y2L6](#)

## Application Details

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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

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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