

Datasheet for ABIN7547783  
**FRMD5 Protein (AA 1-570) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FRMD5
Protein Characteristics:	AA 1-570
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRMD5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat FRMD5 Protein expressed in mammalian cells.
Sequence:	MLSRLMSGSS RSLEREYSCT VRLDDSEYT CTIQRDAKGQ YLFDLLCHHL NLEKDYFGI RFVDPDKQRH WLEFTKSVVK QLRSQPPFTM CFRVKFYFAD PAALKEEITR YLVFLQIKRD LYHGRLCKT SDAALLAAYI LQAEIGDYDS GKHPEGYSSK QFFPKHSEK LERKIAEIHK TELSGQTPAT SELNFLRKAQ TLETYGVDPH PCKDVSGNAA FLAFTPFQFV VLQGNKRVHF IKWNEVTKLK FEGKTFYLYV SQKEEKIIL TYFAPTPEAC KHLWKCGIEN QAFYKLEKSS QVRTVSSSNL FFKGSRFRYS GRVAKEVMES SAKIKREPPE IHRAGMVPFR SCPSITHGPR LSSVPRTRRR AVHISIMEGL ESLRDSAHSST PVRSTSHGDT FLPHVRSST DSNERVAVIA DEAYSPADSV LPTPVAEHL ELMLLSRQIN GATCSIEEEK ESEASTPTAT EVEALGGELR ALCQGHSGPE EEQVNFVLS VLRLLLVMTG LLFVLLLLLI ILTESDLIA FFRDIRQTPE FEQFHYQYFC PLRRWFACKI RSVVSLIDT <b>Sequence without tag. The proposed Purification- Tag is based on experiences with the expression system, a different complexity of the</b>

## Product Details

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**protein could make another tag necessary. In case you have a special request, please contact us.**

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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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

FRMD5

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### Alternative Name:

FRMD5 ([FRMD5 Products](#))

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### Background:

FERM domain-containing protein 5,FUNCTION: May be involved in regulation of cell migration (PubMed:22846708, PubMed:25448675). May regulate cell-matrix interactions via its interaction with ITGB5 and modifying ITGB5 cytoplasmic tail interactions such as with FERMT2 and TLN1. May regulate ROCK1 kinase activity possibly involved in regulation of actin stress fiber formation (PubMed:25448675).

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### Molecular Weight:

65.1 kDa

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### UniProt:

[Q7Z6J6](#)

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## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

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## Application Details

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as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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