

Datasheet for ABIN7558000  
**FRMD5 Protein (AA 1-517) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FRMD5
Protein Characteristics:	AA 1-517
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRMD5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Frmd5 Protein expressed in mammalian cells.
Sequence:	<p>MLSRLMSGSS RSLEREYSCT VRLDDSEYT CTIQRDAKGQ YLFDLLCHHL NLLKDYFGI RFVDPDKQRH WLEFTKSVK QLRSQPPFTM CFRVKFYPAD PAALKEEITR YLVFLQIKRD LYHGRLCKT SDAALLAAYI LQAEIGDYDP GKHPEGYSSK FQFFPKHSEK LEKKIAEIHK TELSGQTPAT SELNFLRKAQ TLETYGVDPH PCKDVSGNAA FLAFTPFGEV VLQGNKRVHF IKWNEVTKLK FEGKTFYLYV SQKEEKIIL TYFAPTPEAC KHLWKCGIEN QAFYKLEKSS QVRTVSSSNL FFKGSRFRYS GRVAKEVMES SAKIKREPPE IHRAGMVPSR SCPSITHGPR LSSVPRTRRR AVHISIMEGL ESLRDSAHS PVRSSSHGDT FLPHVRSSRA DSNERVAVIA DEAYSPADSV LPTPVAEHS ELMLLSRQIN GATCSIEEEK ESEASTPTAT EAEALGGELR ALCQGHGGSE QEQRVHLKGP QLQQQWKGW GKSVPD <b>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.</b></p>

## Product Details

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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

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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. 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. {ECO:0000250|UniProtKB:Q7Z6J6}.

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**Molecular Weight:** 58.6 kDa

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**UniProt:** [Q6P5H6](#)

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## 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

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## Application Details

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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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