

Datasheet for ABIN7557177

## FRMD8 Protein (AA 1-466) (His tag)



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### Overview

Quantity:	1 mg
Target:	FRMD8
Protein Characteristics:	AA 1-466
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRMD8 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Frmd8 Protein expressed in mammalian cells.
Sequence:	<p>MEGAEGNAGQ PGPAERSHRS SVSSVGARAA DVLVYLADDT VVPLAVENLS SISAHELHRA  VREVLQLPDV ALEAFALWLV SPLLEVQLKP KHQPYKLGRQ WPELLLRFTN ASDDDVAMDE  PSLQFRRNVF FPRRRELQIH DEEVLRLLYE EAKGNVLTAR YPCDLEDCEV LGGLVCRVQL  GPYQPGQPAA CTLREKLSDF LPAHLCKRGH GLFAAFRGRG AKTGPGEQGL LNAYRQVKEV  TGNNSEREAT LGSHYRAYLL KCHELPHYGC AFFHGEVDKP AQGFLHRGGR KPVTVAISLE  GVHVIDNREK HVLLGLRFQE LSWDHTSPEE EEPVLWLEFD GDSEGSTPVNK LLRIYSKQAE  LMSGLEIYCI ELSQAAEPTL SQESASGPHE APSPPPTQ RPKLRRQGSV VCSRIQHLST  IDYVEDGKGI KRVKPKRTTS FFSRQLSSSQ GSYTVVQPTD DSLEQS <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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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:

FRMD8

### Alternative Name:

Frmd8 ([FRMD8 Products](#))

### Background:

FERM domain-containing protein 8 (iRhom tail-associated protein) (iTAP),FUNCTION: Promotes the cell surface stability of iRhom1/RHBDF1 and iRhom2/RHBDF2 and prevents their degradation via the endolysosomal pathway (PubMed:29897333). By acting on iRhoms, involved in ADAM17-mediated shedding of TNF, amphiregulin/AREG, HBEGF and TGFA from the cell surface (By similarity). Negatively regulates Wnt signaling, possibly by antagonizing the recruitment of AXIN1 to LRP6 (By similarity). {ECO:0000250|UniProtKB:Q9BZ67, ECO:0000269|PubMed:29897333}.

### Molecular Weight:

51.8 kDa

### UniProt:

[Q3U FK8](#)

## 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