

Datasheet for ABIN7553903
FAM83D Protein (AA 1-585) (His tag)



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Overview

Quantity:	1 mg
Target:	FAM83D
Protein Characteristics:	AA 1-585
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM83D protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FAM83D Protein expressed in mammalian cells.
Sequence:	MALLSEGLDE VPAACLSPCG PPNPTSELFSE SRRLEELV AGGPEAFAAF LRRERLARFL NPDEVHAILR AAERPGEEGA AAAAAAEDSF GSSHDCSSGT YFPEQSDLEP PLEELGWPAF YQGAYRGATR VETHFQPRGA GEGGPYGCKD ALRQQLRSAR EVIAVVMDFV TDIDIFRDLQ EICRKQGVAV YILLDQALLS QFLDMCMDLK VHPEQEKLMT VRTITGNIYY ARSGTKIIGK VHEKFTLIDG IRVATGSYSF TWTDGKLNSS NLVILSGQVV EHFDFLEFRIL YAQSKPISPK LLSHFQSSNK FDHLTNRKPO SKELTLGNLL RMRLARLSST PRKADLDPEM PAEGKAERKP HDCESTVSE EDYFSSHRDE LQSRKAIDAA TQTEPGEEMP GLSVSEVGTQ TSITTACAGT QTAVITRIAS SQTTIWSRST TTQTDMDENI LFPRGTQSTE GSPVSKMSVS RSSLKSSSS VSSQGSVASS TGSPASIRTT DFHNPGYPKY LGTPHLELYL SDSLRNLNKE RQFH FAGIRS RLNHMLAMLS RRTLFTENHL GLHSGNFSRV NLLAVRDVAL YPSYQ 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

Product Details

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: FAM83D

Alternative Name: FAM83D ([FAM83D Products](#))

Background: Protein FAM83D (Spindle protein CHICA),FUNCTION: Through the degradation of FBXW7, may act indirectly on the expression and downstream signaling of MTOR, JUN and MYC (PubMed:24344117). May play also a role in cell proliferation through activation of the ERK1/ERK2 signaling cascade (PubMed:25646692). May also be important for proper chromosome congression and alignment during mitosis through its interaction with KIF22 (PubMed:18485706). {ECO:0000269|PubMed:18485706, ECO:0000269|PubMed:24344117, ECO:0000269|PubMed:25646692}.

Molecular Weight: 64.4 kDa

UniProt: [Q9H4H8](#)

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
