

Datasheet for ABIN7553841  
**FAM83H Protein (AA 1-1179) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FAM83H
Protein Characteristics:	AA 1-1179
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM83H protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat FAM83H Protein expressed in mammalien cells.
Sequence:	MARRSQSSSQ GDNPLAPGYL PPHYKEYYRL AVDALAEGGS EAYSRLATE GAPDFLCPEE LEHVSRLRP PQYVTREPPE GSLLDVEDMDG SSGTYWPVNS DQAVPELDLG WPLTFGFQGT EVTTLVQPPP PDSPSIKDEA RRMIRSAQQV VAVVMDMFTD VDLLSEVLEA AARRVPVYIL LDEMNAQHFL DMADKCRVNL QHVDFLRVRT VAGPTYYCRT GKSFKGHVKE KLLVDCAVV MSGSYSFMWS FEKIHRSLAH VFQGELVSSF DEEFRILFAQ SEPLVPSAAA LARMDAYALA PYAGAGPLVG VPGVGAPTPF SFPKRAHLLF PPPREEGLGF PSFLDPDRHF LSAFRREEPP RMPGGALEPH AGLRPLSRRL EAEAGPAGEL AGARGFFQAR HLEMDAFKRH SFATEGAGAV ENFAAARQVS RQTFLSHGDD FRFQTSHFHR DQLYQQYQW DPQLTPARPQ GLFEKLRGGR AGFADPDDFT LGAGPRPEL GPDGHQRLDY VPSSASREVR HGSDPAFAPG PRGLEPSGAP RPNLTQRFPC QAAARPGPDP APEAEPERRG GPEGRAGLRR WRLASYLSGC HGEDGGDDGL PAPMEAEAYE DDVLAPGGRA PAGDLLPSAF RVPAAFPTKV PVPGPSSGGN GPEREGPEEP

## Product Details

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GLAKQDSFRS RLNPLVQRSS RLRSSLIFST SQAEGAAGAA AATEKVQLLH KEQTVSETLG  
PGGEAVRSAA STKVAELLEK YKGPARDPGG GAGAITVASH SKAVVSQAWR EEVAAPGAVG  
GERRSLESCL LDLRDSFAQQ LHQEAERQPG AASLTAAQLL DTLGRSGSDR LPSRFLSAQS  
HSTSPQGLDS PLPLEGSGAH QVLHNESKGS PTSAYPERKG SPTPGFSTRR GSPTTGFIQ  
KGSPTSAYPE RRGSPVPPVP ERRSSPVPPV PERRGSLTLT ISGESPKAGP AEEGPSGME  
VLRKGSRLRLR QLLSPKGERR MEDEGGFPVP QENGQPESPR RLSLGQGDST EAATEERGPR  
ARLSSATANA LYSSNLRDDT KAILEQISAH GQKHRAVPAP SPGPTHNSPE LGRPPAAGVL  
APDMSDKDKC SAIFRSDSLG TQGRLSRTLTP ASAEERDRL RRMESMRKEK RVYSRFEVFC  
KKEEASSPGA GEGPAEEGTR DSKVGGKFPK ILGTFKSKK **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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### 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:

FAM83H

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### Alternative Name:

FAM83H ([FAM83H Products](#))

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### Background:

Protein FAM83H,FUNCTION: May play a major role in the structural organization and

## Target Details

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calcification of developing enamel (PubMed:18252228). May play a role in keratin cytoskeleton disassembly by recruiting CSNK1A1 to keratin filaments. Thereby, it may regulate epithelial cell migration (PubMed:23902688). {ECO:0000269|PubMed:18252228, ECO:0000269|PubMed:23902688}.

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Molecular Weight: 127.1 kDa

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UniProt: [Q6ZRV2](#)

## Application Details

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

## 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