

Datasheet for ABIN7553879
FAM83B Protein (AA 1-1011) (His tag)



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Overview

Quantity:	1 mg
Target:	FAM83B
Protein Characteristics:	AA 1-1011
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM83B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FAM83B Protein expressed in mammalian cells.
Sequence:	<p>METSSMLSSL NDECKSDNYI EPHYKEWYRV AIDILIEHGL EAYQEFLVQE RVSDFLAEEE INYILKNVQK VAQSTAHTGD DSCDDLSSG TYWPVESDVE APNLDLGWPY VMPGLLGGTH IDLLFHPPRA HLLTIKETIR KMIKEARKVI ALVMDIFTDV DIFKEIVEAS TRGVSUYILL DESNFNHFLN MTEKQGCSVQ RLRNIRVRTV KGQDYLSKTG AKFHGKMEQK FLLVDCQKVM YGSYSYMWSF EKAHLSMVQI ITGQLVESFD EEFRTLYARS CVPSSFAQEE SARVKHGKAL WENGTYQHSV SSLASVSSQR NLFGRQDKIH KLDSSYFKNR GIYTLNEHDK YNIRSHGYKP HFVPNFNGPN AIRQFQPNQI NENWKRHSYA GEQPETVPYL LLNRALNRTN NPPGNWKKPS DSLSVASSSR EGYVSHHNTA AQS FANRLAQ RKTTLNADR SNVRRSFNGT DNHIRFLQQR MPTLEHTTKS FLRNWRIESY LNDHSEATPD SNGSALGDRF EGYDNPENLK ANALYTHSRL RSSLVFKPTL PEQKEVNSCT TGSSNSTIIG SQGSETPKEV PDTPTNVQHL TDKPLPESIP KLPLQSEAPK MHTLQVPENH SVALNQTNG HTESNNYIK TLGVNKQTEN LKNQQTENLL KRRSFPLFDN SKANLDPGNS KHYVYSTLTR NRVQRPEKPK EDLLKSSKSM HNVTHNLEED EEEVTKRNSP</p>

Product Details

SGTTTKSVSI AALLDVNKEE SNKELASKKE VKGSPSFLKK GSQKLRSLLS LTPDKKENLS
KNKAPAFYRL CSSSDTLVSE GEENQKPKKS DTKVDSSPRR KHSSSSNSQG SIHKSKEDVT
VSPSQEINAP PDENKRTPSP GPVESKFLER AGDASAPRFN TEQIQYRDSR EINAVVTPER
RPTSSPRPTS SELLRSHSTD RRVYSRFEFP CKIESSIQPT SNMPNTSINR PEIKSATMGN
SYGRSSPLLN YNTGVYRSYQ PNENKFRGFM QKFGNFIHKN K **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.**

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: FAM83B

Alternative Name: FAM83B ([FAM83B Products](#))

Background: Protein FAM83B,FUNCTION: Probable proto-oncogene that functions in the epidermal growth factor receptor/EGFR signaling pathway. Activates both the EGFR itself and downstream RAS/MAPK and PI3K/AKT/TOR signaling cascades. {ECO:0000269|PubMed:22886302,

Target Details

ECO:0000269|PubMed:23676467, ECO:0000269|PubMed:23912460}.

Molecular Weight: 114.8 kDa

UniProt: [Q5T0W9](#)

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
