

Datasheet for ABIN7563710
FAM59A Protein (AA 1-876) (His tag)



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Overview

Quantity:	1 mg
Target:	FAM59A
Protein Characteristics:	AA 1-876
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM59A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinant GAREM1 Protein expressed in mammalian cells.
Sequence:	MDPAPSLGCS LKDVKWSPVA MPLDLLVSTY RLPQIARLDS GECVEGLREN DFLIHSCRQ WTTITAHSL EGHYVIGPKI EIPVHYAGQF KLLQDRDIK EPVQYFNSVE EVAKAFPERV YVMEITFNV KVASGECNED TEVYNITLCT GDELTLMGQA EILYAKTFKE KSRLNTIFKK IGKLNISIKL GKGKMPCLIC MNHRTNESIS LPFQCKGRFS TRSPLELQMQ EGEHTIRNIV EKTRLPVNVV VPSPPPRNPY DLHFIREGHR YKFVNIQTKT VVCCVLRNN KILPMHFPLH LTPVKFSLPE HQVKGDMWPE TLVHHWLGIC QEQFDIDEYS RAVRDVKTDW NEDCKSPKKG RCSGHNHLPN SLSYARDEL TQSFHRLSVCV YGNLHGNSE VNLHGCRDLG GEWAPFPHDI LPYQDSGDSG SDYLFPEANE ESAGIPGKTE VPYEELWLEE GKPSRQPLTR SLSEKSRCDT LRGSTRSTCA PSSPPTPATL GATIKSSEIA LPPPPVPPKS EAVREECRLL NAPPVPPRSA KPLSTSPSIP PRTVKPVRPQ TRSPSTLSY YSSGLHNIIT QSDTSPNSA PVSCYPCTRV KSDSVDPKSP FGSPSAEALS SRLSWPNHYS GASENQTRSD FLLDPSRSYS YPRQKTPGTP

KRTCPAPFDF EGCELLGSPP STTSAEFSSS GVPSCPKSAS YCLENSEDNS FAAGMTKQSV
SCPALPPRAP KPVEQKATPE TSPLPLKIDG AEEDPTAGSL DLSEDQYFVR KGMQDIFSVS
YPFSSPLHLQ LAPRSCGDGS PWQPPADLSG LSIEEVSKSL RFIGLSEDAVI AFFVTEKIDG
NLLVQLTEEI LSEDFKLSKL QVKKILQFIN GWRPKI

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

FAM59A

Alternative Name:

Garem1 ([FAM59A Products](#))

Background:

GRB2-associated and regulator of MAPK protein (GRB2-associated and regulator of MAPK1),FUNCTION: Acts as an adapter protein that plays a role in intracellular signaling cascades triggered either by the cell surface activated epidermal growth factor receptor and/or cytoplasmic protein tyrosine kinases. Promotes activation of the MAPK/ERK signaling pathway. Plays a role in the regulation of cell proliferation (By similarity). {ECO:0000250}.

Molecular Weight:

97.3 kDa

Target Details

UniProt:	Q3UFT3
Pathways:	EGFR Signaling Pathway

Application Details

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.
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