

Datasheet for ABIN7553990

FAM59A Protein (AA 1-876) (His tag)



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Overview

Quantity:	1 mg
Target:	FAM59A
Protein Characteristics:	AA 1-876
Origin:	Human
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 recombinat GAREM1 Protein expressed in mammalian cells.
Sequence:	MDPAPSLGCS LKDVKWSSVA VPLDLLVSTY RLPQIARLDN GECVEGLREN DYLLIHSCRQ WTTITAHSL EGHYVIGPKI EIPVHYAGQF KLEQDRDIK EPVQYFNSVE EVAKAFPERV YVMEDITFNV KVASGECNED TEVYNITLCT GDELTLMGQA EILYAKTFKE KSRLNTIFKK IGKLNSISKL GKGKMPCLIC MNHRTNESIS LPFQCKGRFS TRSPLELQMQ EGEHTIRNIV EKTRLPVNVV VPSPPPRNPY DLHFIREGHR YKFVNIQTKT VVCCVLRNN KILPMHFPLH LTPVKFSLPE HLVKGESWPE TLVHHWLGIC QEQFDIDEYS RAVRDVKTOW NEECKSPKKG RCSGHNHVPN SLSYARDEL TQSFHRLSVCV YGNNLHGNSE VNLHGCRDLG GDWAPFPDHI LPYQDSGDSG SDYLFPEASE ESAGIPGKSE LPYEELWLEE GKPSHQPLTR SLSEKNRCDQ FRGSVRSKCA TSPLPIPGTL GAAVKSSDTA LPPPPVPPKS EAVREECRLN NAPPVPPRSA KPLSTSPSIP PRTVKPARQQ TRSPSPTLSY YSSGLHNISV TKTDNTPSES TPVSCYPCNR VKTDSVDLKS PFGSPSAEAV SSRLSWPNHY SGASESQTRS DFLDPSRSY SYPRQKTPGT

PKRNCPPAPFD FDGCELLASP TSPVTAEFSS SVSGCPKSAS YSLESTDVKS LAAGVTKQST
SCPALPPRAP KLVEEKVASE TSPLPLKIDG AEEDPKSGSP DLSAQYFVK KGMQDIFSAS
YPFSSPLHLQ LAPRSCGDGS PWQPPADLSG LSIEEVSKSL RFIGLSEDVI SFFVTEKIDG
NLLVQLTEEI LSEDFKLSKL QVKKIMQFIN 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	FAM59A
Alternative Name:	GAREM1 (FAM59A Products)
Background:	<p>GRB2-associated and regulator of MAPK protein 1 (GRB2-associated and regulator of MAPK1),FUNCTION: [Isoform 1]: 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.</p> <p>{ECO:0000269 PubMed:19509291}.</p>

Target Details

Molecular Weight:	97.2 kDa
UniProt:	Q9H706
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