

Datasheet for ABIN7561720

FAM89B Protein (AA 1-189) (His tag)



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Overview

Quantity:	1 mg
Target:	FAM89B
Protein Characteristics:	AA 1-189
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM89B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Fam89b Protein expressed in mammalian cells.
Sequence:	<p>MNGLPATEAP GGAGCALAGL PPLPRGLSGL LNASGGSWRE LERVYSQRSR IHDELSRAAR APDGPRHAAG SANSOSAAGP RRPVNLSAL AALRKEMVGL RQLDMSLLCQ LWGLYESIQD YKHLCCQLSL CQDLSSSLHS DSSYPDAGL SDDEEPPDAS LPPDPPPLTV PQTHNARDQW LQDAFQISL 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.</p>
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:	<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

Product Details

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:	FAM89B
Alternative Name:	Fam89b (FAM89B Products)
Background:	Leucine repeat adapter protein 25 (C184L ORF2 protein) (C184M protein) (MMTV receptor),FUNCTION: Negatively regulates TGF-beta-induced signaling, in cooperation with SKI prevents the translocation of SMAD2 from the nucleus to the cytoplasm in response to TGF-beta (PubMed:12646588). Acts as an adapter that mediates the specific recognition of LIMK1 by CDC42BPA and CDC42BPB in the lamellipodia. LRAP25-mediated CDC42BPA/CDC42BPB targeting to LIMK1 and the lamellipodium results in LIMK1 activation and the subsequent phosphorylation of CFL1 which is important for lamellipodial F-actin regulation (PubMed:25107909). {ECO:0000269 PubMed:12646588, ECO:0000269 PubMed:25107909}., FUNCTION: [Isoform 2]: (Microbial infection) May be a receptor for mouse mammary tumor virus (MMTV). {ECO:0000269 PubMed:9525630}.
Molecular Weight:	20.1 kDa
UniProt:	Q9QUI1

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.
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Application Details

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