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Datasheet for ABIN7559513
FAM83A Protein (AA 1-436) (His tag)

Overview

Quantity:	1 mg
Target:	FAM83A
Protein Characteristics:	AA 1-436
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM83A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Fam83a Protein expressed in mammalian cells.
Sequence:	MSRSRHVGKI RKRLEDVKNQ WTRPARADFS DNESARLATD ALLDGGPEAY WRALSQEGEV DFLSSAEAQY IQAQAKEPPD APDSAGGAES GPRGLDSCSL QSGTYFPVAS EGSEPALLHT WTLAEKPYLK EKSSATIYFQ MDKHNIRDLD VRRRCISRASQ VLAILMDVFT DVEILCDILE AANKRGVFVC VLLDQGGVKL FQEMCDKVQI SDIHLKNISI RSVEGEVYCA KSGRKFAGQI QEKFIISDWR FVLSGSYSFS WLCGHVHRNI LSKFTGQAVE LFDEEFRRLY ASSKPLMGLK SPRLVAPFQP NKGPEAPNGR LSGTSDSASD RTSSNPFSSL STGSNAHNQS LSTSSGPSSP LAPIPTVPR LQPYHSTRRA VAPQPLLVPM RPHEGAPAPY SSLMAYRPTR LQLQQLGLVP RVTHPWRPFL QALPHF 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.

Product Details

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:

FAM83A

Alternative Name:

Fam83a ([FAM83A Products](#))

Background:

Protein FAM83A,FUNCTION: Probable proto-oncogene that functions in the epidermal growth factor receptor/EGFR signaling pathway. Activates both RAS/MAPK and PI3K/AKT/TOR signaling cascades downstream of EGFR. Required for the RAS/MAPK signaling cascade activation upon EGFR stimulation, it also activates both signaling cascades independently of EGFR activation. {ECO:0000250|UniProtKB:Q86UY5}.

Molecular Weight:

48.2 kDa

UniProt:

[Q8K2P2](#)

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