

Datasheet for ABIN7564628
FCH01 Protein (AA 1-873) (His tag)



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Overview

Quantity:	1 mg
Target:	FCH01
Protein Characteristics:	AA 1-873
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCH01 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Fcho1 Protein expressed in mammalian cells.
Sequence:	MSYFGEHFWG DKNHGFEVLY HCVKQGPVAT KELADFIRER ANIEETYSKA MAKLSKLAN GTPMGTFAPL WEVFRVSSDK LALCHLELTR KLHDLLKDVL RYGEEQLKTH KKCKEEVLGT VDAVQMLSGV GQLLPKSREN YLSRCMDLER LRRENTSQKE MDKAETKSKK AADSLRRSVD KYNSARADFE IKMLDSALRF QAMEEAHLQH MKALLGSYAH SVEDTHVQIG QVHEEFKQNV ENVTVDMLLR KFAESKGTGR EKPGPLDFDA YSSAALQEAM KRLRGAKAFR LPGLSRREPR ASVDFLESDES GVPPEVDDEG FTVRPDISQN NGAEPFRFSS SDSDFDDEEP RKFYVHIKPA PTRAVACSSE AAAAQLRATA GSLILPPGPG GTMKRHSSRD TSGKPQRPRS APRTGSCAEK PLASEEPLSK SLFGPPLESA FDHDDFTGSS SLGFTSSPSP FSSSSPENVE DSGLDSPSHA APGSPESWV PRPGTPQSP TCRQAHPER GLMPRAPSPG PWGPEGGADS LTPADPTREG LAATLRRPRS RKVSCPLTRS NGDLCRSLSP SPLGSSAPTI PPDRPSFSTQ MGHGISRGPS PVVLGSQDAL PVATAFTEYV HAYFRGHSPS CLARVTGELT MTFPAGIVRV FSGTPPPPVL SFRLVNTAPV EHFQPNADLI FSDPSQSDPE TKDFWLNMAA LTEALQHQAQ QNPTASYYNL

Product Details

VLLRYQFSRP GPESVPLQMS AHWQCGPTLT RVSVEYSYRA GATAVSTPLT NVQILLPVGE
PVTSVRLQPA ATWNTEEKRF TWKLPDVCEA GSGHLSASW QPQSGPSTPS PVAAQFTSEG
ATLSGLDLEL LGGGYRMSLV KRRFATGMYL VSC **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: FCH01

Alternative Name: Fcho1 ([FCH01 Products](#))

Background: F-BAR domain only protein 1,FUNCTION: Functions in an early step of clathrin-mediated endocytosis. Has both a membrane binding/bending activity and the ability to recruit proteins essential to the formation of functional clathrin-coated pits. May regulate Bmp signaling by regulating clathrin-mediated endocytosis of Bmp receptors. Involved in the regulation of T-cell proliferation and activation. Affects TCR clustering upon receptor triggering and modulates its

Target Details

internalisation, playing a role in TCR-dependent T-cell activation.
{ECO:0000250|UniProtKB:O14526}.

Molecular Weight: 95.1 kDa

UniProt: [Q8K285](#)

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