

Datasheet for ABIN7563742
FCHO2 Protein (AA 1-809) (His tag)



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Overview

Quantity:	1 mg
Target:	FCHO2
Protein Characteristics:	AA 1-809
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCHO2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Fcho2 Protein expressed in mammalien cells.
Sequence:	<p>MVMAHFVENF WGEKNNGFDV LYHNMKHGQI STKELADFVR ERATIEEAYS RSMTKLAKSA SNYSQLGTFA PMWDVFKTST EKLANCHLDL VRKLQELIKE VQKYGEEQVK SHKKTKEEVA GTLEAVQAIQ NITQALQKSK ENYTAKCVEQ ERLKKEGATQ REIEKAAVKS KKATDITYKLY VEKYALTKAD FEQKMTETAQ KFQDIEETHL IHIKEIIGSL SNAVKEIHLQ IGQVHEEFIN NMANTTIESL IQKFAESKGT GKERPGLIEF EECDPASAVE GIKPRKRKTF ALPGIIKKEK DAESVECPDA DSLNIPDVDE EGFSIKPEAN QNDTKENHFY SSSSDSEDE EPKRYRIEIK PAHPNNLHHT MASLDELKVS IGNITLSPAV SRHSPVQMNR NSSNEELTKS KPSSLPTEKG TNDLLAWDPL FGSSLESSSA PLTSSSSARP TTPLSLGTLV PPRPASRPK LASGKLSGIN EIPRPFSPPV TSNTSPPTA PLARAESSSS ISSSASLSAA NTPTVGVSRG PSPVSLGNQD TLPVAIALTE SVNAYFKGAD PTKCIVKITG DVTISFPSGI IKVFTSNPSP AVLCFRVKNI SRLEQILPNS QLVFSDPSQC DSNTKDFWMN MQAVTIYLLK LSEQNPAASY YNVDVLKYQV</p>

Product Details

SSNGIQSTPL NLATYWKCSA STTDLRVDYK YNPEAMVAPS VLSNIQVVVP VGGVVTNMQS
LPPAIWNAEQ MKAFWKLSGI SEKSDSGGSG SLRAKFDLSE GPSKPTTLAV QFLSEGNTLS
GVDIELVGTG YRLSLVKKRF ATGRYLADC **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:

FCH02

Alternative Name:

Fcho2 ([FCH02 Products](#))

Background:

F-BAR domain only protein 2,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. Has a lipid-binding activity with a preference for membranes enriched in phosphatidylserine and phosphoinositides (Pi(4,5) biphosphate) like the plasma membrane. Its membrane-bending activity might be important for the subsequent action of clathrin and adaptors in the formation of clathrin-coated vesicles. Involved in adaptor protein complex AP-2-dependent endocytosis of the transferrin receptor, it

Target Details

also functions in the AP-2-independent endocytosis of the LDL receptor.
{ECO:0000269|PubMed:21762413, ECO:0000269|PubMed:21883765}.

Molecular Weight: 88.7 kDa

UniProt: [Q3UQN2](#)

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