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Datasheet for ABIN7558401

Aftiphilin Protein (AFTPH) (AA 1-931) (His tag)

Overview

Quantity:	1 mg
Target:	Aftiphilin (AFTPH)
Protein Characteristics:	AA 1-931
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aftiphilin protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Aftph Protein expressed in mammalian cells.
Sequence:	MEPDIIRMYS SPPPLDNGA EDDEDEFGE FGGFSEVSPS GVGFDVDFDTP DYTRPKEDFV PSNHFMPIHE YSEDVDSLTS FKSQVQNGNDK DITAE LSTPV KSQSDVVLST TSKEMIPSKT LDPSIDGMES LEDLDKVVVQ GPSTGQLRSF SPGDFRTDKN IVHQTKQLES CNGEKPPCLE ILTNGFAGLE TVNPQGTDDL DNVADSKGSK PLNTCGTECI LESAASHATE FADFSTFSQT ERTQLEEIEC PVLNDGDTLT IQGNSKGPRV KELNCVKEVT LDGSFEDTGN TEREHQVCVS EIHAVADRGL SVEKQLQTL QQDEFLNSRI QSEAWSLVDS SENSEAITKE RCKMEKNDLF ASKCADLSMD SVKTSDVNEI GSSKEENRKL TNPKSPDPDP TGQNALDDSA ASMKNGDSGN GFVTCHDTNE DDFGDFGTAN GTTPPFVTST QDSMSDVTFE DSSEHFLHLS EPGDDFGEFE DTNAVSCQEE MRFTESDLRQ TSDGLSEECPL AGESGGKDS KPDSKLNKGQ DSEFGDFDSV PNTQGSFAFD SDDFADFSSA GPSQAVDUNA FEDEQKDGCS WAAFQDQET ESHHLKEVWQ SQRTDETMGT LGTPKMHSVS SAASKGAVAS GHLQEPGTSV QTALLNRLER IFEACFPSVF VPDVEEEVSS LKHLLETHSS PAKTREALAD RGELRGVWTE LQDIHDAHGL RYQWGGSHSN

Product Details

KKLLCSLGID TRNILFTGNK KQPVIVPMYA AGLGMLEPTK EPLKPLSAAE KIASIGQTTV
MTPEINTCTS DPFQESLPPV QFDWSSSGLT NPLDASGGST LLNLDFFGPV DDSSSSSSTI
PGVDPELYEL TTAKLETSTS SLRVTDFAFAK LMSTVEKTST STRKPKREEH LSEEAMKVIA
SLPDLTFMHA KVLMPATLT PSMSSQEQAD A **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: Aftiphilin (AFTPH)

Alternative Name: Aftph ([AFTPH Products](#))

Background: Aftiphilin,FUNCTION: Component of clathrin-coated vesicles (By similarity). Component of the aftiphilin/p200/gamma-synergine complex, which plays roles in AP1G1/AP-1-mediated protein trafficking including the trafficking of transferrin from early to recycling endosomes, and the membrane trafficking of furin and the lysosomal enzyme cathepsin D between the trans-Golgi

Target Details

network (TGN) and endosomes (By similarity). {ECO:0000250|UniProtKB:Q6ULP2}.

Molecular Weight: 101.1 kDa

UniProt: [Q80WT5](#)

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
