

Datasheet for ABIN7547769
FBXL13 Protein (AA 1-735) (His tag)



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Overview

Quantity:	1 mg
Target:	FBXL13
Protein Characteristics:	AA 1-735
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBXL13 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FBXL13 Protein expressed in mammalien cells.
Sequence:	MTPELMIKAC SFYTGHLVKT HFCTWRDIAR TNENVVLAEK MNRAVTCYNF RLQKSVFHHW HSYMEDQKEK LKNILLRIQQ IYCHKLTI LTKWRNTARH KSKKKEDELI LKHELQLKKW KNRLILKRAA AEESNFPERS SSEVFLVDET LKCDISLLPE RAILQIFFYL SLKDVIICGQ VNHAWMLMTQ LNSLWNAIDF SSVKNVIPDK YIVSTLQRWR LNVLRLNFRG CLLRPKTFRS VSHCRNLQEL NVSDCPTFTD ESMRHISEGC PGVLCLNLSN TTITNRTMRL LPRHFHNLQN LSLAYCRRFT DKGLQYLNLG NGCHKLIYLD LSGCTQISVQ GFRIANSCT GIMHLTINDM PTLTDNCVKA LVEKCSRITS LVFTGAPHIS DCTFRALSAC KLRKIRFEGN KRVTDA SFKF IDKNYPNL SH IYMADCKGIT DSSLRSL SPL KQLTVLNLAN CVRIGDMGLK QFLDGPASMR IRELNLSNCV RLSDASVMKL SERCPNLNYL SLRNCEHLTA QGIGYIVNIF SLVSIDLSGT DISNEGLNVL SRHKKLKELS VSECYRITDD GIQAFCKSSL ILEHLDVSYC SQLSDMIIKA LAIYCINLTS LSIAGCPKIT DSAMEMLSAK CHYLHILDIS GCVLLTDQIL EDLQIGCKQL

Product Details

RILKMQYCTN ISKKAQRMS SKVQQQEYNT NDPPRWFGYD REGNPVTELD NITSSKGALE
LTVKKSTYSS EDQAA **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:

FBXL13

Alternative Name:

FBXL13 ([FBXL13 Products](#))

Background:

F-box and leucine-rich repeat protein 13 (Dynein regulatory complex subunit 6) (F-box/LRR-repeat protein 13),FUNCTION: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Component of the nexin-dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. Specifically targets CEP192 isoform 3 for ubiquitin-mediated proteolysis and thereby acts as a regulator of microtubule nucleation activity (PubMed:29348145). {ECO:0000250|UniProtKB:A8JHD7, ECO:0000269|PubMed:29348145}.

Molecular Weight:

83.9 kDa

Target Details

UniProt: [Q8NEE6](#)

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