

Datasheet for ABIN7553916
FNBP1L Protein (AA 1-605) (His tag)



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Overview

Quantity:	1 mg
Target:	FNBP1L
Protein Characteristics:	AA 1-605
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FNBP1L protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat FNBP1L Protein expressed in mammalian cells.
Sequence:	<p>MSWGTELWDQ FDSLDKHTQW GIDFLERYAK FVKERIEIEQ NYAKQLRNLV KKYCPKRSSK DEEPRFTSCV AFFNILNELN DYAGQREVVA EEMAHRYVYGE LMRYAHD LKT ERKMHLQEGR KAQQYLDMCW KQMDNSKKKF ERECREAEKA QQSYERLDND TNATKADVEK AKQQLNLRTH MADENKNEYA AQLQNFNGEQ HKHFYVVIPQ IYKQLQEMDE RRTIKLSECY RGFADSERKV IPIISKCLEG MILAAKSVDE RRDSQMVVDS FKSGFEPPGD FPFEDYSQHI YRTISDGTIS ASKQESGKMD AKTTVGKAKG KLWLF GKKPK PQSPPLTPTS LFTSSTPNGS QFLTFSIEPV HYCMNEIKTG KPRI PSFRSL KRGWSVKMGP ALED FSHLPP EQRRKKLQQR IDELNRELQK ESDQKDALNK MKDVYEKNPQ MGDPGSLQPK LAETMNNIDR LRMEIHKNEA WLSEVEGKTG GRGDRRHSSD INHLVTQGRE SPEGSYTDDA NQEV RGPPQQ HGHHNEFDDE FEDDDPLPAI GHCKAIYPFD GHNEGT LAMK EGEVLYIIIEE DKGDGWTRAR RQNGEEGYVP TSYIDVTLEK NSKGS</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

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:

FNBP1L

Alternative Name:

FNBP1L ([FNBP1L Products](#))

Background:

Formin-binding protein 1-like (Transducer of Cdc42-dependent actin assembly protein 1) (Toca-1),FUNCTION: Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. May bind to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promote membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by activating the WASL/N-WASP-WASPIP/WIP complex, the predominant form of WASL/N-WASP in cells. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Essential for autophagy of intracellular bacterial pathogens. {ECO:0000269|PubMed:15260990, ECO:0000269|PubMed:16326391, ECO:0000269|PubMed:19342671}.

Molecular Weight:

70.1 kDa

Target Details

UniProt: [Q5T0N5](#)

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