

Datasheet for ABIN7553976
FNBP1 Protein (AA 1-617) (His tag)



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Overview

Quantity:	1 mg
Target:	FNBP1
Protein Characteristics:	AA 1-617
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FNBP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FNBP1 Protein expressed in mammalian cells.
Sequence:	<p>MSWGTELWDQ FDNLEKHTQW GIDILEKYIK FVKERTEIEL SYAKQLRNLS KKYQPKKNSK EEEEEKYTSC KAFISNLNEM NDYAGQHEVI SENMASQIIV DLARYVQELK QERKSNFHDG RKAQQHIETC WKQLESSKRR FERDCKEADR AQQYFEKMDA DINVTKADVE KARQQAQIRH QMAEDSKADY SSILQKFNHE QHEYYHTHIP NIFQKIQEME ERRIVRMGES MKTYAEVDRO VIPIIGKCLD GIVKAAESID QKNDSQLVIE AYKSGFEPPG DIEFEDYTQP MKRTVSDNSL SNSRGEKPD LKFGGKSKGK LWPFIKKNKL MSLLTSPHQP PPPPPASASP SAVPNGPQSP KQQKEPLSHR FNEFMTEKPK IHCFRSLKRG LSLKLGATPE DFSNLPPEQR RKKLQKQVDE LNKEIQKEMD QRDAITKMKD VYLKNPQMGD PASLDHKLAE VSQNIKLRV ETQKFEAWLA EVEGRLPARS EQARRQSGLY DSQNPPTVNN CAQDRESPDG SYTEEQSQES EMKVLATDFD DEFDDDEEPLP AIGTCKALYT FEGQNEGTIS VVEGETLYVI EEDKGDGWTR IRRNEDEEGY VPTSIVEVCL DKNAKDS Sequence without tag. The proposed Purification-Tag is based on</p>

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:

FNBP1

Alternative Name:

FNBP1 ([FNBP1 Products](#))

Background:

Formin-binding protein 1 (Formin-binding protein 17) (hFBP17),FUNCTION: May act as a link between RND2 signaling and regulation of the actin cytoskeleton (By similarity). Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during the late stage of clathrin-mediated endocytosis. Binds to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. Also enhances actin polymerization via the recruitment of WASL/N-WASP, which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. May be required for the lysosomal retention of FASLG/FASL. {ECO:0000250, ECO:0000269|PubMed:15252009, ECO:0000269|PubMed:16318909, ECO:0000269|PubMed:16326391, ECO:0000269|PubMed:16418535, ECO:0000269|PubMed:17512409}.

Target Details

Molecular Weight: 71.3 kDa

UniProt: [Q96RU3](#)

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