

Datasheet for ABIN7564243
FNBP1 Protein (AA 1-616) (His tag)



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Overview

Quantity:	1 mg
Target:	FNBP1
Protein Characteristics:	AA 1-616
Origin:	Mouse
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 mammalien cells.
Sequence:	MSWGTELWDQ FDNLEKHTQW GIDILEKYIK FVKERTEIEL SYAKQLRNLS KKYQPKKNSK EEEEYKYTAC KAFLSTLNEM NDYAGQHEVI SENMTSQITV DLMRYVQELK QERKSNFHDG RKAQQHIETC WKQLESSKRR FERDCKEADR AQQYFEKMDA DINVTKADVE KARQQAQIRQ QMAEDSKADY SLILQRFNQE QWEYHHTHIP NIFQKIQEME ERRIVRIGES MKTYAEVDRQ VIPIIGKCLD GIVKAAESID QKNDSQLVVE AYKSGFEPPG DIEFEDYTQP MKRTVSDNSL SSSKEGKPEL RFGGKSRGKL WPFIKKNKLM SLLTSPHQPP PPPPASASPS AVPNGPQSPK QPKEPLSHRF NEFMTSKPKI HCFRSLKRGL SLKLGVTPED FSNFPPEQRR KKLQQKVDDL NREIQKETDQ RDAITKMKDV YLKNPQM GDP ASLDQKLTEV TQNIKLRLE AQKFEAWLAE VEGRLPARSE QARRQSGLYD GQTHQTVTNC AQDRESPDGS YTEEQSQESE HKVLAPDFDD EFDDEEPLPA IGTCKALYTF EGQNEGTISV VEGETLSVIE EDKGDGWTRI RRNEDEEGYV PTSYVEVYLD KNAKGS Sequence without tag. The proposed Purification-Tag is based on

Product Details

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),FUNCTION: 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 act as a link between RND2 signaling and regulation of the actin cytoskeleton. May be required for the lysosomal retention of FASLG/FASL (By similarity). {ECO:0000250}.

Molecular Weight:

71.3 kDa

Target Details

UniProt: [Q80TY0](#)

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