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Datasheet for ABIN7552122
ANKS4B Protein (AA 1-417) (His tag)

Overview

Quantity:	1 mg
Target:	ANKS4B
Protein Characteristics:	AA 1-417
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKS4B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ANKS4B Protein expressed in mammalian cells.
Sequence:	MSTRYHQAAS DSYLELLKEA TKRDLNLSDE DGMTPTLLAA YHGNLEALEI ICSRGGDPDR CDIWGNTPLH FAASNGHAHC VSFLVNFGAN IFALDNDLQT PLDAAASREQ NECVALLDKA ATAQNIMNPK KVTRLKEQAQ KNARRQIKEC ERLQEKHQNK MAHTYSKEES GTLSSSKGTF SRSSPSNASA PGTFGSLSKG IKDTFKIKFK KNKDTAEQVG KEGRSGQRNV MEVFREEEED SFSGDFKEKL QLSAEDGSV HHESILNRPG LGSIVFRRNR ISSPEDISDS KREFGFKLPS ELLQRQGASE ADEGAADEEG EENGLKDDLP WDDDEVEWEE DVVDATPLEV FLLSQHLEEF LPIFKREQID LEALLLCSD E DLQSIQMLG PRKKVLNAIN RRKQVLQQPG QLVDTSL 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:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	ANKS4B
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Alternative Name:	ANKS4B (ANKS4B Products)
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Background:	Ankyrin repeat and SAM domain-containing protein 4B (Harmonin-interacting ankyrin repeat-containing protein) (Harp),FUNCTION: As part of the intermicrovillar adhesion complex/IMAC plays a role in epithelial brush border differentiation, controlling microvilli organization and length. Plays a role in assembly of the complex (PubMed:26812018). May play a role in cellular response to endoplasmic reticulum stress (By similarity). {ECO:0000250 UniProtKB:Q8K3X6, ECO:0000269 PubMed:26812018}.
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Molecular Weight:	46.6 kDa
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UniProt:	Q8N8V4
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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.
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Application Details

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