

Datasheet for ABIN7545630
ZFYVE21 Protein (AA 1-234) (His tag)



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Overview

Quantity:	1 mg
Target:	ZFYVE21
Protein Characteristics:	AA 1-234
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFYVE21 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ZFYVE21 Protein expressed in mammalien cells.
Sequence:	MSSEVSARRD AKKLVRSPPG LRMVPEHRAF GSPFGLEEQ WVPDKECRRC MQCDAKFDL TRKHHCRRCG KCFCDRCCSQ KVPLRRMCFV DPVRQCAECA LVSLKEAEFY DKQLKVLLSG ATFLVTFGNS EKPETMTCRL SNNQRYLFLD GDSHYEIEIV HISTVQILTE GFPPGGGNAR ATGMFLQYTV PGTEGVTQLK LTVVEDVTVG RRQAVAWLVA MHKAAKLLYE SRDQ 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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: ZFYVE21

Alternative Name: ZFYVE21 ([ZFYVE21 Products](#))

Background: Zinc finger FYVE domain-containing protein 21 (ZF21),FUNCTION: Plays a role in cell adhesion, and thereby in cell motility which requires repeated formation and disassembly of focal adhesions. Regulates microtubule-induced PTK2/FAK1 dephosphorylation, an event important for focal adhesion disassembly, as well as integrin beta-1/ITGB1 cell surface expression. {ECO:0000269|PubMed:20439989, ECO:0000269|PubMed:21768110}.

Molecular Weight: 26.5 kDa

UniProt: [Q9BQ24](#)

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