

Datasheet for ABIN7557315
FUZ Protein (AA 1-415) (His tag)



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Overview

Quantity:	1 mg
Target:	FUZ
Protein Characteristics:	AA 1-415
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FUZ protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Fuz Protein expressed in mammalian cells.
Sequence:	<p>MGDEGPGSPV HLLCLAASSG VPLFCRSSG GAPSRQQLPF SVIGSLNGVH MFGQNLDVQL NSARTEDTTV VWKNFHDSIT LIVLSSEEGT SELRLERMLH MVFGAMVLIV GLEELTNIRN VERLKKELRA SYCLIDSFLG NSELIGDLTQ CVDCVIPPEG SAMQETLSGF AEATGTAFVS LLVSGRVVAA TEGWWRLGMP EAVLLPWLVG SLPPQAARDY PVYLPHGSPT VPHRLTLTL LRGLELCLLC GPRPPLGQLD PQLMERWWQP LLEPLRACLP LGPRALPEGF PLHSDILGLL LLHLELRRCL FTMEPSKDKE PSPEQRRRL RNFYTLVATT HFPPEGPAG KQEDTVYPAQ MPRACYLVLG PGMGWQLVAV QLGLRLLLLL LSPHTPTHGL RSLATRTLQA LTPLL 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.</p>
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:	FUZ
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Alternative Name:	Fuz (FUZ Products)
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Background:	Protein fuzzy homolog,FUNCTION: Probable planar cell polarity effector involved in cilium biogenesis. May regulate protein and membrane transport to the cilium. Proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (PubMed:19877275, PubMed:19767740, PubMed:27158779). May regulate the morphogenesis of hair follicles which depends on functional primary cilia (PubMed:20962855). {ECO:0000269 PubMed:19767740, ECO:0000269 PubMed:19877275, ECO:0000269 PubMed:20962855, ECO:0000305 PubMed:27158779}.
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Molecular Weight:	45.6 kDa
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UniProt:	Q3UYI6
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Pathways:	Tube Formation , Embryonic Body Morphogenesis
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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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Restrictions:	For Research Use only
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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