Datasheet for ABIN7556095

ZFYVE9 Protein (AA 1-1425) (His tag)

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Overview

Quantity:	1 mg
Target:	ZFYVE9
Protein Characteristics:	AA 1-1425
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFYVE9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZFYVE9 Protein expressed in mammalian cells.
Sequence:	MENYFQAEAY NLDKVLDEFE QNEDETVSST LLDTKWNKIL DPPSHRLSFN PTLASVNESA VSNESQPQLK VFSLAHSAPL TTEEEDHCAN GQDCNLNPEI ATMWIDENAV AEDQLIKRNY SWDDQCSAVE VGEKKCGNLA CLPDEKNVLV VAVMHNCDKR TLQNDLQDCN NYNSQSLMDA FSCSLDNENR QTDQFSFSIN ESTEKDMNSE KQMDPLNRPK TEGRSVNHLC PTSSDSLASV CSPSQLKDDG SIGRDPSMSA ITSLTVDSVI SSQGTDGCPA VKKQENYIPD EDLTGKISSP RTDLGSPNSF SHMSEGILMK KEPAEESTTE ESLRSGLPLL LKPDMPNGSG RNNDCERCSD CLVPNEVRAD ENEGYEHEET LGTTEFLNMT EHFSESQDMT NWKLTKLNEM NDSQVNEEKE KFLQISQPED TNGDSGGQCV GLADAGLDLK GTCISESEEC DFSTVIDTPA ANYLSNGCDS YGMQDPGVSF VPKTLPSKED SVTEEKEIEE SKSECYSNIY EQRGNEATEG SGLLLNSTGD LMKKNYLHNF CSQVPSVLGQ SSPKVVASLP SISVPFGGAR PKQPSNLKLQ IPKPLSDHLQ NDFPANSGNN TKNKNDILGK AKLGENSATN VCSPSLGNIS NVDTNGEHLE SYEAEISTRP CLALAPDSPD NDLRAGQFGI SARKPFTTLG EVAPVWVPDS QAPNCMKCEA RFTFTKRRHH

	CRACGKVFCA SCCSLKCKLL YMDRKEARVC VICHSVLMNA QAWENMMSAS SQSPNPNNPA EYCSTIPPLQ QAQASGALSS PPPTVMVPVG VLKHPGAEVA QPREQRRVWF ADGILPNGEV ADAAKLTMNG TSSAGTLAVS HDPVKPVTTS PLPAETDICL FSGSITQVGS PVGSAMNLIP EDGLPPILIS TGVKGDYAVE EKPSQISVMQ QLEDGGPDPL VFVLNANLLS MVKIVNYVNR KCWCFTTKGM HAVGQSEIVI LLQCLPDEKC LPKDIFNHFV QLYRDALAGN VVSNLGHSFF SQSFLGSKEH GGFLYVTSTY QSLQDLVLPT PPYLFGILIQ KWETPWAKVF PIRLMLRLGA EYRLYPCPLF SVRFRKPLFG ETGHTIMNLL ADFRNYQYTL PVVQGLVVDM EVRKTSIKIP SNRYNEMMKA MNKSNEHVLA GGACFNEKAD SHLVCVQNDD GNYQTQAISI HNQPRKVTGA SFFVFSGALK SSSGYLAKSS IVEDGVMVQI TAENMDSLRQ ALREMKDFTI TCGKADAEEP QEHIHIQWVD DDKNVSKGVV SPIDGKSMET ITNVKIFHGS EYKANGKVIR WTEVFFLEND DQHNCLSDPA DHSRLTEHVA KAFCLALCPH LKLLKEDGMT KLGLRVTLDS DQVGYQAGSN GQPLPSQYMN DLDSALVPVI HGGACQLSEG PVVMELIFYI LENIV **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.**
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ZFYVE9
Alternative Name:	ZFYVE9 (ZFYVE9 Products)
Background:	Zinc finger FYVE domain-containing protein 9 (Mothers against decapentaplegic homolog-interacting protein) (Madh-interacting protein) (Novel serine protease) (NSP) (Receptor activation anchor) (hSARA) (Smad anchor for receptor activation),FUNCTION: Early endosomal protein that functions to recruit SMAD2/SMAD3 to intracellular membranes and to the TGF-beta receptor. Plays a significant role in TGF-mediated signaling by regulating the subcellular location of SMAD2 and SMAD3 and modulating the transcriptional activity of the SMAD3/SMAD4 complex. Possibly associated with TGF-beta receptor internalization. {ECO:0000269|PubMed:15356634, ECO:0000269|PubMed:9865696}.
Molecular Weight:	156.4 kDa
UniProt:	O95405
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	We expect the protein to work for functional studies. 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