

Datasheet for ABIN7556069

ZFYVE16 Protein (AA 1-1539) (His tag)



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Overview

Quantity:	1 mg
Target:	ZFYVE16
Protein Characteristics:	AA 1-1539
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFYVE16 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ZFYVE16 Protein expressed in mammalian cells.
Sequence:	MDSYFKA AVS DLDKLLDDFE QNPDEQDY LQ DVQNAYDSNH CSVSSELASS QRTSLLPKDQ ECVNSCASSE TSYGTNESSL NEKTLKGLTS IQNEKNVTGL DLLSSVDGGT SDEIQPLYMG RCSKPICDLI SDMGNLVHAT NSEEDIKLL PDDFSKNADS LIGLDLSSVS DTPCVSSTDH DSDTVREQQN DISSELQ NRE IGGIKELGIK VDTTLSDSYN YSGTENLKDK KIFNQLESIV DFNMSSALTR QSSKMFHAKD KLQHSQPCG LLKDVGLVKE EVDVAVITAA ECLKEEGKTS ALTCSLPKNE DLCLNDSNSR DENFKLPDFS FQEDKTVIKQ SAQEDSKSLD LKDNDVIQDS SSALHVSSKD VPSSLSCLPA SGSMCGSLIE SKARGDFLPQ HEHKDNIQDA VTIHEEIQNS VVLGGEPFKE NDLLKQEKCK SILLQSLIEG MEDRKIDPDQ TVIRAESLDG GDTSSTVVES QEGLSGTHVP ESSDCCEGFI NTFSSNDMDG QDLDFYNIDE GAKSGPLISD AELDAFLTEQ YLQTTNIKSF EENVNDSKSQ MNQIDMKGLD DGNINNIYFN AEAGAIGESH GINIICEIVD KQNTIENGLS LGEKSTIPVQ QGLPTSKSEI TNQLSVSDIN SQSVGGARPK QLFSLPSTR

SSKDLNKPDV PDTIESEPST ADTVVPITCA IDSTADPQVS FNSNYIDIES NSEGGSSFVT
ANEDSVPEPT CKEGLVLGQK QPTWVPDSEA PNCMNCQVKF TFTKRRHHCR ACGKVFCGVC
CNRKCKLQYL EKEARVCVVC YETISKAQAF ERMMSPTGSN LKSNHSDECT TVQPPQENQT
SSIPSPATLP VSALKQPGVE GLCSKEQKRV WFADGILPNG EVADTTKLSS GSKRCSEDFS
PLSPDVPMTV NTVDHSHSTT VEKPNNETGD ITRNEIIQSP ISQVPSVEKL SMNTGNEGLP
TSGSFTLDDD VFAETEEPSS PTGVLVNSNL PIASISDYRL LCDINKYVCN KISLLPNDED
SLPPLLVASG EKGSPVVEE HPSHEQIILL LEGESFHPVT FVLNANLLVN VKFIFYSSDK
YWYFSTNGLH GLGQAEIILL LLCLPNEDTI PKDIFRLFIT IYKDALKGKY IENLDNITFT ESFLSSKDHG
GFLFITPTFQ KLDDLSPSN PFLCGILIQK LEIPWAKVFP MRLMLRLGAE YKAYPAPLTS
IRGRKPLFGE IGHITIMNLLV DLRNYQYTLH NIDQLLIHME MGKSCIKIPR KKYSDDVMKVL
NSSNEHVISI GASFSTEADS HLVCIQNDGI YETQANSATG HPRKVTGASF VVFNGLKTS
SGFLAKSSIV EDGLMVQITP ETMNGRLRLAL REQKDFKITC GKVDAVDLRE YVDICWVDAE
EKGNGKVISS VDGISLQGFV SEKIKLEADF ETDEKIVKCT EVFYFLKDQD LSILSTSYQF
AKEIAMACSA ALCPHLTKLK SNGMKNIGLR VSIDTDMVEF QAGSEGQLLP QHYLNDLDSA
LIPVIHGGTS NSSLPLEIEL VFFIIEHLF

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:

- 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:	ZFYVE16
Alternative Name:	ZFYVE16 (ZFYVE16 Products)
Background:	Zinc finger FYVE domain-containing protein 16 (Endofin) (Endosome-associated FYVE domain protein),FUNCTION: May be involved in regulating membrane trafficking in the endosomal pathway. Overexpression induces endosome aggregation. Required to target TOM1 to endosomes. {ECO:0000269 PubMed:11546807, ECO:0000269 PubMed:14613930}.
Molecular Weight:	168.9 kDa
UniProt:	Q7Z3T8

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