

Datasheet for ABIN7564159

ZFYVE28 Protein (AA 1-905) (His tag)



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Overview

Quantity:	1 mg
Target:	ZFYVE28
Protein Characteristics:	AA 1-905
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFYVE28 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Zfyve28 Protein expressed in mammalien cells.
Sequence:	<p>MMNRFKRWLY KPKRSDPQLL AQFYADEEL NQVAAELDSL DGRKEPQRCT LLVSQFRSCQ</p> <p>DNVLNIINQI MEECIPQDRA PRDFCVKFPE EIRHDNLAQ LWFGAECLAA GSIIMNRELE</p> <p>SMAMRPLAKE LTRSLEDVRG TLRDQALRDL NTYTEKMREA LRRFDVLFAE FELSYVSAMV</p> <p>PVKSPREYYV QQEVIVLFCE TVERALDFGY LTQDMIDDYE PALMFTIPRL AIVCGLVVYA</p> <p>DGPLNLDRKV EDMSELFPRF HTLLRKIRD LQALTEEELH TLERSLCVSQ DVELPIRADT</p> <p>QAPSALAPTF SASLPPEETL SASANNPEAE LACSMQYDDQ ELEELSRMVH RAGDEMSSLL</p> <p>SPPSACQSPA HRPGEASPR GEASPARARL KSGSDEEERV FFMDDVEVTE SPARPESPGN</p> <p>TFELTQGNAQ QRGQDGQSGE VGVEAPALVK EEDWSNNNVE GDKIKLASLM GSTSCSCLDS</p> <p>QLYLDGWEVS AEDAETAEMI AHRTGGMKLS ATVIFNPKSP TSQDSAVAAQ EAPGHGTSP</p> <p>EPRAEGTGDN SHKLSTTATN CLLHSCVCCG SCGDSRDDAV ERLREKCGPG SVISASNPSV</p> <p>SLAKGGDKEP ERIDEAQPSD VTLPAEDASN RQEPKAPASS KCLAHTSGPQ VDTASRLQGE</p>

GEVKGQPEPE ARKQDPEKSP VVSGDSPRGD VAQTEHQHLL GSSSTVGSCS LDNTRLDVAT
AAMPVTPMAT REKIRSRFHG SHDLIHRFLV CISGVADQLQ TNYASDLRSI LKTLFEVMAT
KPETDDKEKL KKVTQTLRSA ALEDCAQCQE TVSSSELA AK TRDGDFFEDPP EWVPDEACGF
CTSCKAPFTV IRRKHHCRSC GKIFCSRCS HSAPLPRYGQ VKPVRVCTHC YMFHVTPFYS
DKTGM **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:

ZFYVE28

Alternative Name:

Zfyve28 ([ZFYVE28 Products](#))

Background:

Lateral signaling target protein 2 homolog (Zinc finger FYVE domain-containing protein 28),FUNCTION: Negative regulator of epidermal growth factor receptor (EGFR) signaling. Acts by promoting EGFR degradation in endosomes when not monoubiquitinated (By similarity). {ECO:0000250}.

Molecular Weight:

99.8 kDa

Target Details

UniProt:	Q6ZPK7
Pathways:	EGFR Signaling Pathway

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