

Product datasheet

Recombinant Human ZFYVE28 protein ab163647

1 Image

Overview

<b>Product name</b>	Recombinant Human ZFYVE28 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	<p>MMNRFRKWLYKPKRSDPQLLARFYADEELNQVAEE          LDSLDGRKDPQRCT          LLVSQFRSCQDNVLNIIINQIMDECIPQDRAPRDFCVKF          PEEIRHDNLAGQ          LWFGAECLAAGSIIMNRELESMAMRPLAKELTRSLED          VRGALRDQALRDL          NTYTEKMREALRHFDVLF AEFELSYVSAMVPVKSPRE          YVQQEVMLFCE          TVERALDFGYLTQDMIDDYEPALMFSIPRLAIVCGLVVY          ADGPLNLDKRV          EDMSELF RPFHTLLRKIRDLLQTLTEEELHTLERNLCIS          QDVEFPIRADV          QGPAALAPALSAPLPPEGPLSAKAKDPDAELACSMQ          YDDQELEQLSRMVH          RAGDEMSSLLSPPIACQSPAHRPGAEGSPGGEASPG          RPRLRSGSDEEERV          FFMDDVEGTAEALARPESPAGPFGWAGSTWADPQE          KGQGGPGGAAGISLP          ASEKEEDLSNNNLEAEGTDGASLAGTSSCCLDSRL          HLDGWEVGADDAET          AEMIAHRTGGMKLSATVIFNPKSPTSLSAVATQEAS          EPVAEGMDGGPH          KLSTGATNCLLHSCVCCGSCGDSREDVVERLREKCS          PGGVIGASYAAGLA          KASDRAPERQEEAPPPSEDASNGREPKAPTSKCLP          HTSGSQVDTASGLQ</p>

GEAGVAGQQEPEARELHAGSPPAHEAPQALSGSSSS  
TAGSCSSDKMGPEA  
APAATHAAPQATREKIRSRFHGSHDLIHRFLVCISGVA  
DQLQTNYSADLR  
SILKTLFEVMATKPETDDKEKLRKVTQTLRSAALDCA  
LCQETLSSSELA  
AKTRDGFDFEPPEWVPDEACGFCTACKAPFTVIRRK  
HHCRCGKIFCSRC  
SSHSAPLPRYGQVKPVRVCTHCYMFHVTPFYSDKAGL

<b>Amino acids</b>	1 to 887
<b>Tags</b>	GST tag N-Terminus

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab163647** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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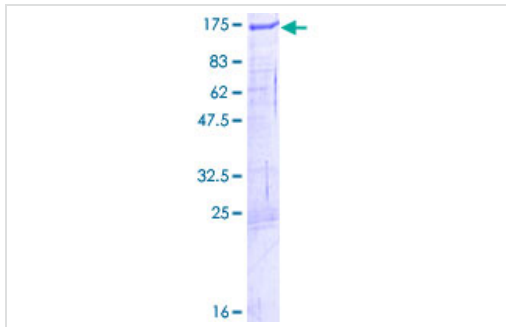
## General Info

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<b>Function</b>	Negative regulator of epidermal growth factor receptor (EGFR) signaling. Acts by promoting EGFR degradation in endosomes when not monoubiquitinated.
<b>Sequence similarities</b>	Belongs to the Ist-2 family. Contains 1 FYVE-type zinc finger.
<b>Domain</b>	The FYVE-type zinc finger mediates the interaction with phosphatidylinositol 3-phosphate (PI3P) and localization to early endosome membranes when not monoubiquitinated at Lys-87.
<b>Post-translational modifications</b>	Monoubiquitination at Lys-87 prevents binding to phosphatidylinositol 3-phosphate (PI3P) and localization to early endosome membranes.
<b>Cellular localization</b>	Cytoplasm > cytosol. Early endosome membrane. Localizes to early endosome membrane in absence of Lys-87 monoubiquitination. Localizes to cytosol when monoubiquitinated.

## Images

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ab163647 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human ZFYVE28 protein  
(ab163647)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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