

Datasheet for ABIN7554483  
**ZFYVE28 Protein (AA 1-887) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ZFYVE28
Protein Characteristics:	AA 1-887
Origin:	Human
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:	MMNRFKRWLY KPKRSDPQLL ARFYADEEL NQVAAELDSL DGRKDPQRCT LLVSQFRSCQ DNVLNIINQI MDECIPQDRA PRDFCVKFE EIRHDNLAGQ LWFGAECLAA GSIIMNRELE SMAMRPLAKE LTRSLEDVRG ALRDQALRDL NTYTEKMREA LRHFDVLFAE FELSYVSAMV PVKSPREYYV QQEVIVLFCF TVERALDFGY LTQDMIDDYE PALMFSIPRL AIVCGLVVYA DGPLNLDKRV EDMSELFRRPF HTLLRKIRD LQTLTEELH TLERNLCISQ DVEFPIRADV QGPAALAPAL SAPLPPEGPL SAKAKDPDAE LACSMQYDDQ ELEQLSRMVH RAGDEMSSLL SPPIACQSPA HRPGAEGSPG GEASPGRPRL RSGSDEEERV FFMDDVEGTA EALARPESPA GPFGWAGSTW ADPQEKGGG PGGAAGISLP ASEKEEDLSN NNLEAEGTDG ASLAGTSSCS CLDSRLHLDG WEVGADDAET AEMIAHRTGG MKLSATVIFN PKSPTSLDSA VATQEAASEP VAEGMDGGPH KLSTGATNCL LHSCVCCGSC GDSREDVVER LREKSPGGV IGASYAAGLA KASDRAPERQ EEAPPPSEDA SNGREP KAPT SDKCLPHTSG SQVDTASGLQ GEAGVAGQQE

## Product Details

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PEARELHAGS PSAHEAPQAL SGSSSSTAGS CSSDKMGPEA APAATHAAPQ ATREKIRSRF  
HGSHDLIHRL FVCISGVADQ LQTNYSADLR SILKTLFEVM ATKPETDDKE KLRKVTQTLR  
SAALEDALC QETLSSSELA AKTRDGFED PPEWVPDEAC GFCTACKAPF TVIRRKHHCR  
SCGKIFCSRC SSHAAPLPY GQVKPVRVCT HCYMFHVTPF YSDKAGL **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

ZFYVE28

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### Alternative Name:

ZFYVE28 ([ZFYVE28 Products](#))

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### Background:

Lateral signaling target protein 2 homolog (hLst2) (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. {ECO:0000269|PubMed:19460345}.

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### Molecular Weight:

96.5 kDa

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## Target Details

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UniProt: [Q9HCC9](#)

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Pathways: [EGFR Signaling Pathway](#)

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## Application Details

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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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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