

Datasheet for ABIN7561249
ZFYVE19 Protein (AA 1-389) (His tag)



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Overview

Quantity:	1 mg
Target:	ZFYVE19
Protein Characteristics:	AA 1-389
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFYVE19 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Zfyve19 Protein expressed in mammalian cells.
Sequence:	MESRCYGCAV KFTLFKKEYG CKNCGRAFNC GCLSFSAALVP RAGNTQQKVC KQCHTILTRG SSDNASKWSP PQNYKKRVAA LEAKKKSSTS HSQSLTHKDQ AIAERLARLR QENPKSVPS QAEIEARLAA LKDEVQGPPI STQEMEDRLA ALQGRVPPSH TVRPAHQAPD TRTQAQQTQD LLTQLTAEVA IDENCQPRAS ASLQNDLNKG AARSQRTNSQ GQASQSLEEE KYKLLAEAAV ELQEENTRQE RILALAKRLA VLKGQDPSRV TLQDYHLPDS DEDEETAIQR VMQQLTEEAA LDEASGFNIP EKPAPGSRAQ PCKAEMEGPQ AEEEELPWCC ICNEDATLRC AGCDGDLYCA RCFREGHDNF DLKEHQTSPLY HPRRPCQEH 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.

Product Details

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:

ZFYVE19

Alternative Name:

Zfyve19 ([ZFYVE19 Products](#))

Background:

Abscission/NoCut checkpoint regulator (ANCHR) (Zinc finger FYVE domain-containing protein 19),FUNCTION: Key regulator of abscission step in cytokinesis: part of the cytokinesis checkpoint, a process required to delay abscission to prevent both premature resolution of intercellular chromosome bridges and accumulation of DNA damage. Together with CHMP4C, required to retain abscission-competent VPS4 (VPS4A and/or VPS4B) at the midbody ring until abscission checkpoint signaling is terminated at late cytokinesis. Deactivation of AURKB results in dephosphorylation of CHMP4C followed by its dissociation from ZFYVE19/ANCHR and VPS4 and subsequent abscission (By similarity). {ECO:0000250}.

Molecular Weight:

43.3 kDa

UniProt:

[Q9DAZ9](#)

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
