

Datasheet for ABIN7545726
ZFAND1 Protein (AA 1-268) (His tag)



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Overview

Quantity:	1 mg
Target:	ZFAND1
Protein Characteristics:	AA 1-268
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFAND1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZFAND1 Protein expressed in mammalian cells.
Sequence:	MAELDIGQHC QVEHCRQRDF LPFVCDDCSG IFCLEHRSRE SHGCPEVTVI NERLKTDQHT SYPCSFKDCA ERELVAVICP YCEKNFCLRH RHQSDHECEK LEIPKPRMAA TQKLVKDIID SKTGETASKR WKGAKNSETA AKVALMKLKM HADGDKSLPQ TERIYFQVFL PKGSKEKSKP MFFCHRWSIG KAIDFAASLA RLKNDNNKFT AKKLRLCHIT SGEALPLDHT LETWIAKEDC PLYNGGNIIL EYLNDDEEQFC KNVESYLE 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	ZFAND1
Alternative Name:	ZFAND1 (ZFAND1 Products)
Background:	<p>AN1-type zinc finger protein 1 (Zinc finger AN1-type-containing protein 1),FUNCTION: Plays a role in the regulation of cytoplasmic stress granules (SGs) turnover. SGs are dynamic and transient cytoplasmic ribonucleoprotein assemblies important for cellular protein homeostasis when protein production is suspended after acute exogenous stress (PubMed:29804830). Associates with SGs and is involved in the efficient and specific arsenite-induced clearance process of SGs through the recruitment of the ubiquitin-selective ATPase VCP and the 26S proteasome (PubMed:29804830). This process requires both complexes for efficient degradation of damaged ubiquitinated SG proteins during recovery from arsenite stress, and hence avoiding aberrant cytoplasmic SGs degradation via autophagy (PubMed:29804830). {ECO:0000269 PubMed:29804830}.</p>
Molecular Weight:	30.8 kDa
UniProt:	Q8TCF1

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
