

Datasheet for ABIN7545727
ZFAND2B Protein (AA 1-257) (His tag)



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Overview

Quantity:	1 mg
Target:	ZFAND2B
Protein Characteristics:	AA 1-257
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFAND2B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZFAND2B Protein expressed in mammalian cells.
Sequence:	MEFPDLGAHC SEPSCQRLDF LPLKCDACSG IFCADHVAYA QHHCGSAYQK DIQVPVCPLC NVPVPVARGE PPDRAVGEHI DRDCRSDPAQ QKRKIFTNKC ERAGCRQREM MKLTCERCSR NFCIKHRHPL DHDCSGEGHP TSRAGLAAIS RAQAVASTST VPSPSQTMP5 CTSPSRATTR SPSWTAPPVI ALQNGLSEDE ALQRALEMSL AETKPQVPSC QEEEDLALAQ ALSASEAEYQ RQQAQSRSSK PSNCSLC 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:	ZFAND2B
Alternative Name:	ZFAND2B (ZFAND2B Products)
Background:	<p>AN1-type zinc finger protein 2B (Arsenite-inducible RNA-associated protein-like protein) (AIRAP-like protein),FUNCTION: Plays a role in protein homeostasis by regulating both the translocation and the ubiquitin-mediated proteasomal degradation of nascent proteins at the endoplasmic reticulum. It is involved in the regulation of signal-mediated translocation of proteins into the endoplasmic reticulum. It also plays a role in the ubiquitin-mediated proteasomal degradation of proteins for which signal-mediated translocation to the endoplasmic reticulum has failed. May therefore function in the endoplasmic reticulum stress-induced pre-emptive quality control, a mechanism that selectively attenuates the translocation of newly synthesized proteins into the endoplasmic reticulum and reroutes them to the cytosol for proteasomal degradation (By similarity). By controlling the steady-state expression of the IGF1R receptor, indirectly regulates the insulin-like growth factor receptor signaling pathway (PubMed:26692333).</p> <p>{ECO:0000250 UniProtKB:Q91X58, ECO:0000269 PubMed:26692333}.</p>
Molecular Weight:	28.0 kDa
UniProt:	Q8WV99

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
