

Datasheet for ABIN7552492
AZI2 Protein (AA 1-392) (His tag)



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Overview

Quantity:	1 mg
Target:	AZI2
Protein Characteristics:	AA 1-392
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AZI2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AZI2 Protein expressed in mammalian cells.
Sequence:	<p>MDALVEDDIC ILNHEKAHKR DTVTPVSIYS GDESVASHFA LVTAYEDIKK RLKDSEKENS LLKKRIRFLE EKLIARFEEE TSSVGREQVN KAYHAYREVC IDRDNLKSKL DKMNKDNSES LKVLNEQLQS KEVELLQLRT EVETQQVMRN LNPPSSNWEV EKLSCDLKIH GLEQELELMR KECSDLKIEL QKAKQTDYPYQ EDNLKSRDLQ KLSISSDNMQ HAYWELKREM SNLHLVTQVQ AELLRKLKTS TAIKKACAPV GCSEDLGRDS TKLHLMNFTA TYTRHPPLLP NGKALCHTTS SPLPGDVKVL SEKAILQSWT DNERSIPNDG TCFQEHSSYG RNSLEDNSWV FPSPPKSSET AFGETKTKTL PLPNLPPLHY LDQHNQNCly KN</p> <p>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.</p>
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:

AZI2

Alternative Name:

AZI2 ([AZI2 Products](#))

Background:

5-azacytidine-induced protein 2 (NF-kappa-B-activating kinase-associated protein 1) (Nak-associated protein 1) (Nap1) (TILP),FUNCTION: Adapter protein which binds TBK1 and IKBKE playing a role in antiviral innate immunity (PubMed:14560022, PubMed:21931631). Activates serine/threonine-protein kinase TBK1 and facilitates its oligomerization (PubMed:14560022, PubMed:21931631). Enhances the phosphorylation of NF-kappa-B p65 subunit RELA by TBK1 (PubMed:14560022, PubMed:21931631). Promotes TBK1-induced as well as TNF-alpha or PMA-induced activation of NF-kappa-B (PubMed:14560022, PubMed:21931631). Participates in IFNB promoter activation via TICAM1 (PubMed:15611223). {ECO:0000269|PubMed:14560022, ECO:0000269|PubMed:15611223, ECO:0000269|PubMed:21931631}.

Molecular Weight:

44.9 kDa

UniProt:

[Q9H6S1](#)

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