

Datasheet for ABIN7561847
Ifi202b Protein (AA 1-445) (His tag)



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Overview

Quantity:	1 mg
Target:	Ifi202b
Protein Characteristics:	AA 1-445
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ifi202b protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ifi202 Protein expressed in mammalian cells.
Sequence:	<p>MSNRNLRSSST NSEFSEGQHQ TPSSDSSGHG EDQPQASPGP NKKSHTPKKN ISKGAVLHEK PMTVMVLTAT EPFNYKEGKE NMFHATVATE SQYYRVKVFN MDLKEKFTEN KFITISKYFN SSGILEINET ATVSEAAPNQ IIEVPKNIIR SAKETLKISK IKELDSGTLI YGVFAVEKKK VNDKSITFKI KDNEENIKVV WDKKQHNIN Y EKGDKLQLFS FHLRKGNGKP ILHSGNHSFI KGEKLLKESF EGDGYHKGPK QVVALKATKL FTYDSIKSKK MFHATVATDT EFRVMVFEE NLEKKFIPGN TIALSDYFGM YGSLAIHEYS SVSEVKSQNK EDSSSSDERL IEHLKICDLH LQTKERLVDG EFKVYRKSTG NNCICYGIWD DTGAMKVVVS GQLTSVNCEI GNTIRLVCFE LTSNADEWFL RSTRYSYMEV IMPEK 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:

Ifi202b

Alternative Name:

Ifi202 ([Ifi202b Products](#))

Background:

Interferon-activable protein 202 (Ifi-202) (Interferon-inducible protein p202) (Lupus susceptibility protein p202),FUNCTION: DNA-binding protein involved in innate immune response and has anti-inflammatory activity (PubMed:19131592, PubMed:23850291, PubMed:23567559). Inhibits caspase activation in response to cytosolic DNA by preventing activation of the AIM2 inflammasome, probably by sequestering cytoplasmic DNA and preventing its being bound by AIM2 (PubMed:19131592, PubMed:23850291, PubMed:23567559). Also inhibits activation of the AIM2 inflammasome via a direct interaction with AIM2, which prevents the interaction between AIM2 and PYCARD and formation of the AIM2 inflammasome (PubMed:23850291). Binds double-stranded DNA (dsDNA) in the cytosol (PubMed:19131592, PubMed:23850291, PubMed:23567559, PubMed:24419611). Has anti-apoptotic effects due to inhibition of the transcriptional activity of TP53/p53 (PubMed:16670293). Inhibits the transcriptional activity of several transcription factors, including NF-kappa-B p50 and p65, FOS, JUN, E2F1, E2F4, MYOD1 and myogenin

Target Details

(PubMed:8524315). {ECO:0000269|PubMed:16670293, ECO:0000269|PubMed:19131592, ECO:0000269|PubMed:23567559, ECO:0000269|PubMed:23850291, ECO:0000269|PubMed:24419611, ECO:0000269|PubMed:8524315}.

Molecular Weight: 50.5 kDa

UniProt: [Q9R002](#)

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