

Datasheet for ABIN7554780

IVNS1ABP Protein (AA 1-642) (His tag)



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Overview

Quantity:	1 mg
Target:	IVNS1ABP
Protein Characteristics:	AA 1-642
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IVNS1ABP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat IVNS1ABP Protein expressed in mammalian cells.
Sequence:	<p>MIPNGYLMFE DENFIESSVA KLNALRKSGQ FCDVRLQVCG HEMLAHRAVL ACCSPYLF EI</p> <p>FNSDSDPHGI SHVKFDDLNP EAVEVLLNYA YTAQLKADKE LVKDVYSAK KLKMDRVKQV</p> <p>CGDYLLSRMD VTSCISYRNF ASCMGDSRLN NKVDAYIQEH LLQISEEEEF LKLPRLKLEV</p> <p>MLEDNVCLPS NGKLYTKVIN WVQRSIWENG DSLEELMEEV QTLYYADHK LLDGNLLDGQ</p> <p>AEVFGSDDDH IQFVQKKPPR ENGHKQISS STGCLSSPNA TVQSPKHEWK IVASEKTSNN</p> <p>TYLCLAVLDG IFCVIFLHGR NSPQSSPTST PKLSKSLSE MQQDELIEKP MSPMQYARSG</p> <p>LGTAEMNGKL IAAGGYNREE CLRTVECYNP HTDHWSFLAP MRTPRARFQM AVLMGQLYVV</p> <p>GGSNHGSDDL SCGEMYDSNI DDWIPVELR TNRCNAGVCA LNGKLYIVGG SDPYGQKGLK</p> <p>NCDVFDPVTK LWTSCAPLNI RRHQSAVCEL GGYLYIIGGA ESWNCLNTVE RYNPENNTWT</p> <p>LIAPMNVARR GAGVAVLNGK LFVCGGFDGS HAISCVEMYD PTRNEWKMMG NMTSPRSNAG</p> <p>IATVGNTIYA VGGFDGNEFL NTVEVYNLES NEWSPYTKIF QF Sequence without tag. The</p>

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.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	IVNS1ABP
Alternative Name:	IVNS1ABP (IVNS1ABP Products)
Target Type:	Influenza Protein
Background:	<p>Influenza virus NS1A-binding protein (NS1-BP) (NS1-binding protein) (Aryl hydrocarbon receptor-associated protein 3) (Kelch-like protein 39),FUNCTION: Involved in many cell functions, including pre-mRNA splicing, the aryl hydrocarbon receptor (AHR) pathway, F-actin organization and protein ubiquitination. Plays a role in the dynamic organization of the actin skeleton as a stabilizer of actin filaments by association with F-actin through Kelch repeats (By similarity). Protects cells from cell death induced by actin destabilization (By similarity). Functions as modifier of the AHR/Aryl hydrocarbon receptor pathway increasing the concentration of AHR available to activate transcription (PubMed:16582008). In addition, functions as a negative regulator of BCR(KLHL20) E3 ubiquitin ligase complex to prevent</p>

Target Details

ubiquitin-mediated proteolysis of PML and DAPK1, two tumor suppressors (PubMed:25619834). Inhibits pre-mRNA splicing (in vitro) (PubMed:9696811). {ECO:0000250|UniProtKB:Q920Q8, ECO:0000269|PubMed:16582008, ECO:0000269|PubMed:25619834, ECO:0000269|PubMed:9696811}., FUNCTION: (Microbial infection) Involved in the alternative splicing of influenza A virus M1 mRNA through interaction with HNRNPK, thereby facilitating the generation of viral M2 protein. {ECO:0000269|PubMed:23825951, ECO:0000269|PubMed:9696811}.

Molecular Weight: 71.7 kDa

UniProt: [Q9Y6Y0](#)

Pathways: [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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