

Product datasheet for PH309701

Influenza Virus NS1A Binding Protein (IVNS1ABP) (NM_006469) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IVNS1ABP MS Standard C13 and N15-labeled recombinant protein (NP_006460)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209701
Predicted MW:	71.7 kDa
Protein Sequence:	>RC209701 protein sequence Red=Cloning site Green=Tags(s)

MIPNGYLMFEDENFIESSVAKLNALRKSGQFCDVRLQVCGHEMLAHRVLAACSPYLFEIFNSDSDPHGI
SHVKFDDLNPEAVEVLLNYAYTAQLKADKELVKDVYSAAKKLMKDRVKQVCGDYLLSRMDVTSCISYRNF
ASCMGDSRLLNKVDAYIQEHLQISEEEFLKLPRLKLEVMLEDNVCLPSNGKLYTKVINWQRSIWENG
DSLEELMGEVQTLYYSADHKLLDGNLLDQAEVFGSDDDDHIQFVQKPPRENGHKQISSSSTGCLSSPNA
TVQSPKHEWKIVASEKTSNNTYLCLAVLDGIFCVIFLHGRNSPQSSPTSTPKLSKLSFEMQDELIEKP
MSPMQYARSLGTAEMNGKLIAGGYNREECLRTVECYNPHTDHSFLAPMRTPRARFQMAVLMGQLYVV
GGSNGHSDDLSCGEMYDSNIDDWIPVPELRTNRCNAGVCALNGKLYIVGGSDPYGQKGLKNCDFDPVTK
LWTSCAPLNIRRHQSACVCEGGYLYIIGGAESWNCLNTVERYNPENNTWTLIAPMNVARRGAGVAVLNGK
LFVCGGFDGSHAI SCVEMYDPTREWKMMGNMTPRSNAGIATVGNTIYAVGGFDGNEFLNTVEVYNLES
NEWSPYTKIFQF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006460
RefSeq Size:	4113



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RefSeq ORF: 1929

Synonyms: ARA3; FLARA3; HSPC068; IMD70; KLHL39; ND1; NS-1; NS1-BP; NS1BP

Locus ID: 10625

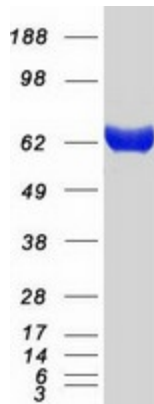
UniProt ID: [Q9Y6Y0](#)

Cytogenetics: 1q25.3

Summary: 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 ubiquitin-mediated proteolysis of PML and DAPK1, two tumor suppressors (PubMed:25619834). Inhibits pre-mRNA splicing (in vitro) (PubMed:9696811).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified IVNS1ABP protein (Cat# [TP309701]). The protein was produced from HEK293T cells transfected with IVNS1ABP cDNA clone (Cat# [RC209701]) using MegaTran 2.0 (Cat# [TT210002]).