

Product datasheet for **RC209701L4V**

Influenza Virus NS1A Binding Protein (IVNS1ABP) (NM_006469) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Influenza Virus NS1A Binding Protein (IVNS1ABP) (NM_006469) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Influenza Virus NS1A Binding Protein |
| Synonyms: | ARA3; FLARA3; HSPC068; IMD70; KLHL39; ND1; NS-1; NS1-BP; NS1BP |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_006469 |
| ORF Size: | 1929 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209701). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_006469.4 |
| RefSeq Size: | 4113 bp |
| RefSeq ORF: | 1929 bp |
| Locus ID: | 10625 |
| UniProt ID: | Q9Y6Y0 |
| Cytogenetics: | 1q25.3 |
| Domains: | BTB, Kelch |



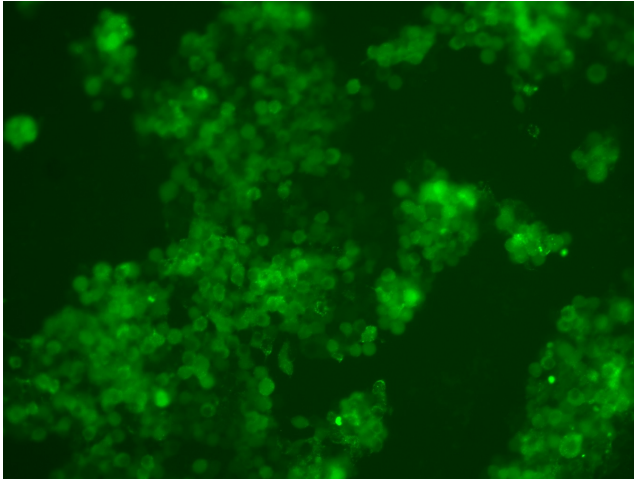
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Protein Families: Transcription Factors

MW: 71.7 kDa

Gene 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]

Product images:



[RC209701L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209701L4V particle to overexpress human IVNS1ABP-mGFP fusion protein.