

Recombinant Horse IFNA1 Protein, His-tagged

Cat. No. IFNA1-973H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Horse IFNA1 Protein (Cys24-Ser184) with His tag was expressed in E. coli. |
| Species | Horse |
| Source | E.coli |
| ProteinLength | Cys24-Ser184 |
| Description | Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 22.2 kDa; Accurate Molecular Mass: 22 kDa |
| Purity | > 97% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Storage Buffer | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Reconstitution | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |

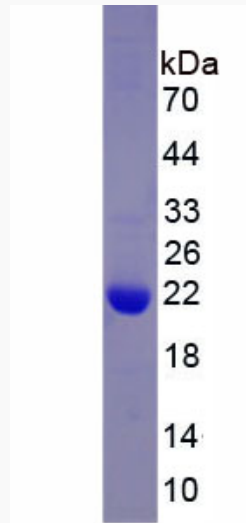
GENE INFORMATION

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|------------------------|--|
| Gene Name | LOC100629951 interferon alpha-1 [Equus caballus (horse)] |
| Official Symbol | IFNA1 |
| Synonyms | LOC100629951; interferon alpha-1; IFNa1; interferon alpha-1; IFN-alpha 1 |
| Gene ID | 100629951 |
| mRNA Refseq | XM_003363961 |
| Protein Refseq | XP_003364009 |
| UniProt ID | P05003 |

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