

Recombinant Horse IFNA1 Protein, His-tagged

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

SPECIFICATION

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.

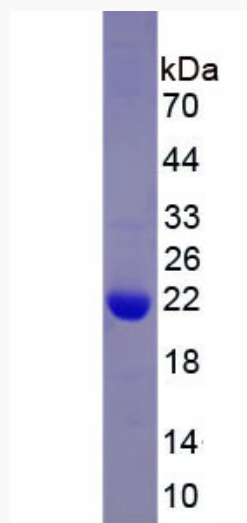
GENE INFORMATION

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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