

## Active Recombinant Human IFNA2 Protein, Animal Free

Cat. No. IFNA2-20H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IFNA2 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	The interferon alpha 2A (IFN- $\alpha$ 2A) is type I interferon. IFN- $\alpha$ 2A is produced by macrophages, peripheral blood leukocytes and lymphoblastoid cells. Proteins of this family play an important role in inducing non-specific resistance against a broad range of viral infections. IFN- $\alpha$ 2A has wide biological activities ranging as antiproliferation, immunomodulation, and antiviral. IFN- $\alpha$ 2A also affects cell proliferation and modulate immune responses, and regulates expression of MHC class -I antigens.
<b>Bio-activity</b>	The activity was measured by its ability to stimulate the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).
<b>Molecular Mass</b>	16 kDa
<b>Endotoxin</b>	<0.5 EU/ $\mu$ g
<b>Purity</b>	High Purity, >95% by SDS-PAGE
<b>Stability</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12

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months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.

**Storage Buffer** Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

**Reconstitution** Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

## GENE INFORMATION

**Gene Name** IFNA2 interferon alpha 2 [ Homo sapiens (human) ]

**Official Symbol** IFNA2

**Synonyms** IFNA2; interferon alpha 2; IFNA; IFNA2B; IeIF A; IFN-alphaA; IFN-alpha-2; interferon alpha-2; alpha-2a interferon; interferon alpha 2a; interferon alpha 2b; interferon alpha A

**Gene ID** 2440

**mRNA Refseq** NM\_000605

**Protein Refseq** NP\_000596

**MIM** 147562

**UniProt ID** P01563

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