

Active Recombinant Human IFNA2 Protein, Animal Free

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

SPECIFICATION

Product Overview	Recombinant Human IFNA2 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	The interferon alpha 2A (IFN-α2A) is type I interferon. IFN-α 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-α 2A has wide biological activities ranging as antiproliferation, immunomodulation, and antiviral. IFN-α 2A also affects cell proliferation and modulate immune responses, and regulates expression of MHC class -I antigens.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).
Molecular Mass	16 kDa
Endotoxin	<0.5 EU/ μg
Purity	High Purity, >95% by SDS-PAGE
Stability	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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