

Active Recombinant Human IFN- α 2A Protein

Cat. No. IFNA2A-365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFN- α 2A Protein is produced by Human Cells expression system. Structure: Glycosylated monomer.
Species	Human
Source	Human Cells
Description	The interferon alpha 2A (IFN- α 2A) 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.
Form	Lyophilized from a 0.2 μ m filtered solution in PBS without carrier protein
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	<0.5EU/ μ g

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Purity	>95% by SDS-PAGE
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 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.
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.

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