

Recombinant Human Interferon, Alpha 21

Cat. No. IFNA21-140H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNA21 was expressed in SPF chicken eggs.
Species	Human
Source	Spf Chicken Eggs
Description	Human leukocyte Interferon [Hu-IFN- α .. Hu-IFN- β . Hu-IFN- λ ., Hu-IFN-gamma and trace amounts of HU-IFN- γ) produced in peripheral blood leukocytes by induction with Sendai virus [produced in SPF chicken eggs].
Form	Lyophilized
Molecular Weight	Corresponds to that of human interferon omega and interferon alpha subtypes [19,241-19,985].
Concentration	2.84 x 10 ⁶ units/ml after reconstitution in 1 ml deionized water.
Purity	≥ 95%
Endotoxin Level	< 1 EU/ μ g
Specific Activity	1.03 x 10 ⁶ units/mg
Storage	After receipt, this product should be kept at 4°C for retention of full activity. After reconstitution, the contents of the tube should be apportioned into separate tubes so

 Tel: 1-631-559-9269 1-516-512-3133

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that freezing and thawing is kept to a minimum. Reconstituted material should be stored at -70°C or below for retention of full activity.

Official Symbol IFNA21

GENE INFORMATION

Gene Name IFNA21 interferon, alpha 21 [*Homo sapiens*]

Synonyms IFNA21; interferon, alpha 21; LeIFF; leIF-F; MGC126687; MGC126689; IFN-alpha1; interferon alpha-21; IFN-alpha-21; OTTHUMP00000021132; interferon alpha-F; leukocyte interferon protein

Gene ID 3542

mRNA Refseq NM_002175

Protein Refseq NP_002166

MIM 147584

UniProt ID P01568

Chromosome Location 9p22

Pathway Autoimmune thyroid disease; Cytokine Signaling in Immune system; Cytosolic DNA-sensing pathway; Factors involved in megakaryocyte development and platelet production; Hemostasis; Hepatitis C; Herpes simplex infection; Immune System; Influenza A; Interferon alpha/beta signaling; Measles; Natural killer cell mediated cytotoxicity; RIG-I-like receptor signaling pathway; TRAF6 mediated

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IRF7activation; Toll-like receptor signaling pathway

Function

cytokine activity;cytokine receptor binding

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