

Recombinant Human IFNA1

Cat. No. IFNA1-29193TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Interferon alpha 1bprotein, containing 166 amino acids and a MW of 19 kDa.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted.
Biological activity	Specific Activity is 1 x 10 ⁸ IU/ mg.
Form	Lyophilised:It is recommended to reconstitute in sterile 18MOhm/cm water to not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 7.5mg/ml Sodium chloride, 20 mg/ml HSA.
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	The sequence of the first five N-terminal amino acids was determined and was found to be Cys-Asp-Leu-Pro-Glu.

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Sequence Similarities	Belongs to the alpha/beta interferon family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	IFNA1 interferon, alpha 1 [Homo sapiens]
Official Symbol	IFNA1
Synonyms	IFNA1; interferon, alpha 1; interferon alpha-1/13; IFL; IFN; IFN ALPHA; IFN alpha 1b; IFN alphaD; IFNA13; IFNA@; interferon alpha 1b;
Gene ID	3439
mRNA Refseq	NM_024013
Protein Refseq	NP_076918
MIM	147660
Uniprot ID	P01562
Chromosome Location	9p22
Pathway	Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

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