Recombinant Human IFNA2

Cat. No. IFNA2-29497TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Interferon alpha 2a protein , containing 165 amino acids and a MW of 19 kDa.
Species	Human
Source	E.coli
Description	This gene is a member of the alpha interferon gene cluster on chromosome 9. The encoded protein is a cytokine produced in response to viral infection. Use of the recombinant form of this protein has been shown to be effective in reducing the symptoms and duration of the common cold.
Biological activity	Specific Activity is 2.7 x 10^8 IU/mg.
Form	Lyophilised: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: NoneConstituents: Sodium chloride, 0.77mg/ml Ammonium Acetate.
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino	The sequence of the first five N-terminal amino acids was determined and was found

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acids	to be Cys-Asp-Leu-Pro-Gln, conforming to the sequence of native human IFN-a.N-terminal methionine has been completely removed enzymatically.
Sequence Similarities	Belongs to the alpha/beta interferon family.
Full Length	Full L.

GENE INFORMATION

Gene Name	IFNA2 interferon, alpha 2 [Homo sapiens]
Official Symbol	IFNA2
Synonyms	IFNA2; interferon, alpha 2; interferon alpha-2; alpha 2a interferon; IFN alphaA; IFNA; interferon alpha 2b; interferon alpha A;
Gene ID	3440
mRNA Refseq	NM_000605
Protein Refseq	NP_000596
MIM	147562
Uniprot ID	P01563
Chromosome Location	9p22
Pathway	Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Cytokine Signaling in Immune system, organism-

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	specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	cytokine activity; interferon-alpha/beta receptor binding; protein binding;

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