

# Recombinant Human IFNA1

**Cat. No.** IFNA1-29806TH    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Highly pure (>98%) recombinant human interferon alpha.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Description</b>	The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted.
<b>Form</b>	Liquid
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	Human IFN-alpha is a 19.2 kDa protein containing 165 amino acid residues:CDLPQT HSLGSRRTLMLLAQMRKISLFSCLKDRHDFGFPQEEFGN QFQKAETIPVLHEMIQQI FNLFSTKDSSAAWDETLTD KFYTELYQQQLNDLEACVIQGVGVVTETPLMKEDSILAV R KYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTN LQESLRSKE
<b>Sequence Similarities</b>	Belongs to the alpha/beta interferon family.

## GENE INFORMATION

<b>Gene Name</b>	IFNA1 interferon, alpha 1 [ Homo sapiens ]
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<b>Official Symbol</b>	IFNA1
<b>Synonyms</b>	IFNA1; interferon, alpha 1; interferon alpha-1/13; IFL; IFN; IFN ALPHA; IFN alpha 1b; IFN alphaD; IFNA13; IFNA@; interferon alpha 1b;
<b>Gene ID</b>	3439
<b>mRNA Refseq</b>	NM_024013
<b>Protein Refseq</b>	NP_076918
<b>MIM</b>	147660
<b>Uniprot ID</b>	P01562
<b>Chromosome Location</b>	9p22
<b>Pathway</b>	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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