

# Recombinant Human Interferon, Alpha 4

Cat. No. IFNA4-75H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human Interferon, Alpha 4 is expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Interferon alpha-4 is a protein that in humans is encoded by the IFNA4 gene.
<b>Concentration</b>	2 x 10 <sup>5</sup> units/ml, 100 µl.
<b>Form</b>	Stored in PBS buffer with 0.1% BSA.
<b>Storage</b>	-70°C. Keep Freeze thaw to a minimum. Dilute only in buffers containing protein such as 0.1% BSA, Dilution of material below 2 x10 <sup>5</sup> units/ml is not recommended.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IFNA4 interferon, alpha 4 [ Homo sapiens ]</a>
<b>Synonyms</b>	IFNA4; interferon, alpha 4; INFA4; MGC142200; Interferon alpha-4; Interferon alpha-4B; Interferon alpha-M1; Interferon alpha-76; OTTHUMP00000021135; OTTHUMP00000045102
<b>Gene ID</b>	<a href="#">3441</a>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>mRNA Refseq</b>	<a href="#">NM_021068</a>
<b>Protein Refseq</b>	<a href="#">NP_066546</a>
<b>MIM</b>	<a href="#">147564</a>
<b>UniProt ID</b>	<a href="#">P05014</a>
<b>Chromosome Location</b>	9p22
<b>Pathway</b>	Jak-STAT signaling pathway; Natural killer cell mediated cytotoxicity; RIG-I-like receptor signaling pathway; Regulation of autophagy; Toll-like receptor signaling pathway; Antigen processing and presentation; Autoimmune thyroid disease; Cytokine-cytokine receptor interaction
<b>Function</b>	cytokine activity; interferon-alpha/beta receptor binding

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