

Recombinant Mouse Interferon Alpha 13

Cat. No. Ifna13-52M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Source	E.coli
Description	Most mammalian species have multiple IFN- α subtypes. Although the reasons for these multiple subtypes are not fully known, there are clear cell type and temporal differences in their expression. A recent study established a nomenclature for the murine IFN- α subtypes and determined relative activities of the subtypes with protein quantification by phosphorimaging of metabolically-labeled protein.
Contents	1 x 10 ⁵ units/vial.
Concentration	$\geq 1 \times 10^6$ units/ml.
Buffer	Phosphate buffered saline (PBS) containing 0.1% bovine serum albumin (BSA).
Purity	$\geq 95\%$.
Purification Method	A combination of ion exchange, hydrophobic interaction and size exclusion chromatography.
Shipping Conditions	Dry ice, Physical State of Product During Shipping is Frozen.

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Special Conditions

After receipt, this product should be kept at -70°C or below for retention of full activity. When thawing, the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to a minimum. Dilute only in buffers containing protein such as 0.1% bovine serum albumin (BSA).

GENE INFORMATION

Gene Name	Ifna13 interferon alpha 13 [Mus musculus]
Synonyms	Ifna13; interferon alpha 13; interferon alpha-13; interferon, alpha 13; nterferon alpha family, gene 13
Gene ID	230396
mRNA Refseq	NM_177347
Protein Refseq	NP_796321
UniProt ID	Q80SU4
Chromosome Location	4 C4; 4 42.6 cM
Pathway	Antigen processing and presentation; Autoimmune thyroid disease; Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway; Natural killer cell mediated cytotoxicity; RIG-I-like receptor signaling pathway; Regulation of autophagy; Toll-like receptor signaling pathway
Function	cytokine activity; cytokine receptor binding

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