

Recombinant Mouse Interferon Alpha 13

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

SPECIFICATION

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.
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

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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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