Recombinant Mouse Interferon Alpha 11

Cat. No. Ifna11-51M **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 105 units/vial.
Concentration	≥ 1 x 106 units/ml.
Buffer	Phosphate buffered saline (PBS) containing 0.1% bovine serum albumin (BSA).
Purity	≥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	Ifna11 interferon alpha 11 [Mus musculus]
Synonyms	Ifna11; interferon alpha 11; IFN-[a]11; OTTMUSP00000012094; interferon alpha family, gene 11; interferon, alpha 11
Gene ID	15964
mRNA Refseq	NM_008333
Protein Refseq	NP_032359
UniProt ID	Q61716
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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