



## MOUSE INTERFERON ALPHA A

<b>CATALOG NUMBER:</b>	IF009	<b>QUANTITY:</b>	$1 \times 10^5$ units
<b>LOT NUMBER:</b>		<b>CONCENTRATION:</b>	XX units/mL
<b>DESCRIPTION:</b>	Recombinant Mouse Interferon Alpha A (IFNaA)		
<b>SOURCE:</b>	Gene obtained from mouse DNA expressed in <i>E. coli</i> .		
<b>SPECIFIC ACTIVITY:</b>	XX units/mg		
<b>BIOACTIVITY:</b>	Determined by assaying inhibition of virus-induced cytopathic effect. In this antiviral assay for interferon, about 1 unit/mL of interferon is the quantity necessary to produce a cytopathic effect of 50%. The units are determined with respect to the international reference standard for mouse interferon alpha (IFNa) provided by the National Institutes of Health. Unit of activity measured on mouse L929 cells with encephalomyocarditis virus (EMCV).		
<b>PURITY:</b>	>95%		
<b>PRESENTATION:</b>	Frozen, in PBS containing 0.1% bovine serum albumin (BSA).		
<b>STORAGE/HANDLING:</b>	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. Use polypropylene pipette tips and tubes when diluting this interferon. Dilute only in buffers containing protein such as 0.1% bovine serum albumin.		

**Important Note:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.



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