

MOUSE INTERFERON BETA

CATALOG NUMBER:	IF011
LOT NUMBER:	
QUANTITY:	1 x 10 ⁵ units
CONCENTRATION:	1 x 10 ⁶ units/mL
DESCRIPTION:	Recombinant Mouse Interferon Beta (IFN β)
SOURCE:	Gene obtained from mouse DNA expressed in <i>E. coli</i> .
SPECIFIC ACTIVITY:	2.42 x 10 ⁷ units/mg
BIOACTIVITY:	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 beta (IFN β) provided by the National Institutes of Health. Unit of activity measured on mouse L929 cells with encephalomyocarditis virus (EMCV).
PURITY:	\geq 95%
PRESENTATION:	Frozen, in PBS containing 0.1% bovine serum albumin (BSA).
STORAGE/HANDLING:	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).

For research use only; not for use as a diagnostic.

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 μ 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.*