

HUMAN INTERFERON BETA 1A

CATALOG NUMBER:	IF014
LOT NUMBER:	
QUANTITY:	1 x 10 ⁵ units
CONCENTRATION:	1 x 10 ⁶ units/mL
DESCRIPTION:	Recombinant Human Interferon Beta 1a (Hu-IFN β 1a). Molecular weight is ~23 kDa.
SOURCE:	cDNA obtained from human fibroblast mRNA expressed in CHO cells.
SPECIFIC ACTIVITY:	3.99 x 10 ⁸ 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 human interferon beta (Hu-IFN β) provided by the National Institutes of Health. Unit of activity measured on VERO cells with vesicular stomatitis virus (VSV).
PURITY:	≥ 95%, one N-glycosylation site
PRESENTATION:	Liquid, in 10mM acetic acid
STORAGE/HANDLING:	Maintain at 2-8°C for retention of full activity up to six months from date of receipt.

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.*