



PBL InterferonSource

HUMAN INTERFERON GAMMA

Product Number: **11500-2**

Size: **100 ug**

Product Information

Description: Recombinant Human Interferon Gamma (Hu-IFN- γ)

Contents: 100 ug / vial

Buffer: phosphate buffered saline (PBS) containing 0.1% bovine serum albumin (BSA)

Molecular Weight: 16,775

Purity: 95%

Source: cDNA obtained from human T lymphocyte mRNA expressed in E. coli

Accession Number: V00543

Assay Used to Measure Bioactivity: Interferon was titrated with the use of the cytopathic effect inhibition assay as described [Rubinstein, S., Familletti, P.C., and Pestka, S. (1981) "Convenient Assay for Interferons," J. Virol. 37, 755-758; Familletti, P.C., Rubinstein, S., and Pestka, S. (1981) "A Convenient and Rapid Cytopathic Effect Inhibition Assay for Interferon," in Methods in Enzymology, Vol. 78 (S. Pestka, ed.), Academic Press, New York, 387-394]. 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 gamma (Hu-IFN- γ) provided by the National Institutes of Health [see Pestka, S. (1986) "Interferon Standards and General Abbreviations," in Methods in Enzymology (S. Pestka, ed.), Academic Press, New York 119, 14-23]. Unit of activity measured on H226 cells with vesicular stomatitis virus (VSV).

Shipping Information

Shipping Conditions: Dry ice

Physical State of Product During Shipping: Frozen

Special Conditions/Comments: 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).

**This Product is for RESEARCH USE ONLY and is not for sale or use in any *commercial* kit.
NOT FOR DIAGNOSTIC OR THERAPEUTIC USE, OR USE IN HUMANS.**

v.1.2

your total interferon source

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