



PBL InterferonSource

MOUSE INTERFERON GAMMA, Carrier-Free

Product Number: 12501-1

Size: 20 µg

Product Information

Description: Recombinant Mouse Interferon Gamma (Mouse IFN-γ), carrier-free

Contents: 20 µg / vial

Volume: 0.1 ml

Concentration: 0.2 mg/ml

Buffer: phosphate buffered saline (PBS)

Molecular Weight: 15,521

Purity: 95%

Source: cDNA obtained from mouse leukocytes expressed in *E. coli*

Accession Number: K00083

Specific Activity: 1.02×10^7 units/mg

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 mouse interferon gamma (mouse 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 mouse L929 cells with encephalomyocarditis virus (EMCV).

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.

**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.1.1

your total interferon source

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