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Human Interferon Gamma Recombinant Protein

Catalog No.	CR2025	**Quantity:**	50 µg

Concentration: 0.5 mg / ml

Description: Recombinant Human Interferon Gamma (hIFN-γ) has a MW = 16.775 kDa.

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

Formulation: Phosphate buffered saline (PBS) containing 0.1% bovine serum albumin (BSA).

Purity: >95%

Biological Activity: Interferon was titrated with the use of a cytopathic effect inhibition assay. 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 (hIFN-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 VERO cells with vesicular stomatitis virus (VSV).

Specific Activity: 1.59×10^7 units/mg

Storage & Stability: 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 in order to **avoid repeated freeze-thaw cycles**. Dilute only in buffers containing protein such as 0.1% bovine serum albumin (BSA).

Country of Origin: USA

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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