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# IFNG Monkey

*Interferon-gamma Recombinant Rhesus Macaque*
*CYK0213*

## Product Overview

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| Name | IFNG Monkey |

**Description**

Interferon-gamma Recombinant Rhesus Macaque

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| Accession (Primary) | P01579 |

**Synonyms**

Immune IFN, type II IFN, T cell IFN, MAF, IFNG, IFG, IFI, IFN-gamma.

**Introduction**

IFN-gamma produced by lymphocytes activated by specific antigens / mitogens. IFN-gamma, on top of having antiviral activity, has important immunoregulatory functions, it is a potent activator of macrophages, and has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

**Source**

Escherichia Coli.

**Physical Appearance**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Formulation**

Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH7.4.

**Stability**

Lyophilized IFNG although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Interferon-gamma Rhesus Macaque should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles .

**Purity**

Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Amino acid sequence**

QDPYVKEAEN LKKYFNAGDP DVADNGTLFL DILRNWKEES DRKIMQSQIV SFYFKLFKNF KDDQRIQKSV ETIKEDINVK FFNSNKKKRD DFEKLTNYSV TDSNVQRKAV HELIQVMAEL SPAAKIGKRK RSQMFRGRRA SQ.

**Biological Activity**

**Solubility**

It is recommended to reconstitute the lyophilized Interferon-gamma Rhesus Macaque in sterile 18MΩ-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Precautions**

IFNG Monkey is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P01579 )