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32-6394: IFNG Monkey

Application : Functional Assay
Alternative Name : Immune IFN, type II IFN, T cell IFN, MAF, IFNG, IFG, IFI, IFN-gamma.

Description

Source: Escherichia Coli.
Sterile Filtered White lyophilized (freeze-dried) powder.
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.
Interferon-gamma Rhesus Macaque Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 142 amino acid and having a molecular mass of approximately 16.8kDa.IFNG is purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 50 µg
Purification :	Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4. It is recommended to reconstitute the lyophilized Interferon-gamma Rhesus Macaque in sterile 18M Omega -cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Storage condition :	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.
Amino Acid :	QDPYVKEAEN LKKYFNAGDP DVADNGTLFL DILRNWKEES DRKIMQSQIV SFYFKLFKNF KDDQRIQKSV ETIKEDINVK FFNSNKKKRD DFEKLTNYSV TDSNVQRKAV HELIQVMAEL SPAAKIGKRK RSQMFRGRRA SQ.

Application Note

The ED50 as determined by an anti-viral assay using human HeLa cells infected with encephalomyocarditis (EMC) virus is ÃÂ < 20.0 ng/ml, corresponding to a specific activity of > 5.0 Ãâ 104 IU/mg.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.