

32-6392: IFNG Canine, His

Alternative Name : Immune Interferon, type II interferon, T cell interferon, MAF, IFNG, IFG, IFI, IFN-gamma.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

IFN-gamma produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to 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.

IFNG Canine Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 166 amino acids (24-166 a.a) and having a molecular mass of 19.3kDa. IFNG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 25 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : IFNG protein solution (0.5mg/ml) contains 20mM MES (pH6.0), 20% glycerol, 0.1M NaCl and 1mM EDTA.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHH SSGLVPRGSH MGSQAMFFKE IENLKEYFNA SNPDVSDGGS LFVDILKKWR
EESDKTIQS QIVSFYLLKF DNFKDNQIIQ RSMDTIKEDM LGKFLNSSTS KREDFLKLIQ
IPVNDLQVQR KAINELIKVM NDLSPRSNLR KRKRSQNLFR GRRASK.