

IFNG, 24-166aa, Canine , E.coli

Cat.NO.: TP02573

3th Edition

Synonyms:Interferon gamma, IFN-G, IFN-gamma

Description:IFNG also known as, Interferon gamma is a member of the type 2 interferon family. This protein is a soluble cytokine with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. Mutations in this gene are associated with aplastic anemia. Recombinant Canine IFNG was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In phosphate buffered saline(pH 7.4) containing 10% glycerol

Molecular Weight:16.9kDa (144aa) confirmed by MALDI-TOF

Sequences:

MQAMFFKEIENLKEYFNASNPDVSDGGSLFVDILKKWREESDKTIISQIVSFYLLFDNFKDNQIIQRSMDTIKEDML
GKFLNSSTSKREDFLKLIPVNDLQVQRKAINELIKVMNDLSPRSNLRKRKRSQNLFRGRASK

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.