

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

**Cat.NO.: TP02573**

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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:**

MQAMFFKEIENLKEYFNASNPDVSDGGSLFVDILKKWREESDKTIISQIVSFYLKLFDFNFKDNQIIQRSMDTIKEDML  
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.