

**Ifng, 23-155aa, Mouse, His tagged, E.coli**

**Cat.NO.: TP02570**

3th Edition

**Synonyms:**Interferon gamma, Ifg, IFN-g

**Description:**Ifng, also known as interferon gamma, is secreted by lymphocytes stimulated by mitogen and is involved in the differentiation, maturation, and proliferation of hematopoietic cells. 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 mouse Ifng protein was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl(pH7.5) containing 1mM DTT, 20% glycerol

**Molecular Weight:**18.2 kDa (158aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMHGTVIESLESNNYFNSSGIDVEEKSLFLDIWRNWQKDGMKILQSQIISF  
YLRLFEVLKDNQAISNNISVIESHLITTFFSNSKAKKDAFMSIAKFEVNNPQVQRQAFNELIRVVHQLLPESSLRKRKR  
SRC

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/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.