

lfng, 23-155aa, Mouse, His tagged, E.coli

Cat.NO.: TP02570

3th Edition

Synonyms:Interferon gamma, lfg, IFN-g

Description:lfng, 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 lfng 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:

MGSSHHHHHSSGLVPRGSHMGSHMHGTVIESLES LN NYFNSSGIDVEEKSLFLDIWRNWQKDGDMKILQSQIISF
YLRLFEVLKDNQAISNNISVIESHLITTF SNSKAKKDAFMSIAKFEVNNPQVQRQAFNELIRVVHQLLPESLKRKR
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.