

Datasheet for ABIN5854798

Interferon gamma Protein (IFNG) (AA 23-155) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Interferon gamma (IFNG)
Protein Characteristics:	AA 23-155
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Interferon gamma protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSHMHGTVI ESLESLNNYF NSSGIDVEEK SLFLDIWRNW QKDGDMKILQ SQIISFYRLR FEVLKDNQAI SNNISVIESH LITTFFSNSK AKKDAFMSIA KFEVNNPQVQ RQAFNELIRV VHQLPESSL RKRKRSRC
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	Ifng (IFNG Products)
Background:	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

Target Details

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.

Molecular Weight: 18.2 kDa (158aa)

NCBI Accession: [NP_032363](#)

UniProt: [P01580](#)

Pathways: [Interferon-gamma Pathway](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [ER-Nucleus Signaling](#), [Regulation of Carbohydrate Metabolic Process](#), [Protein targeting to Nucleus](#), [Autophagy](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

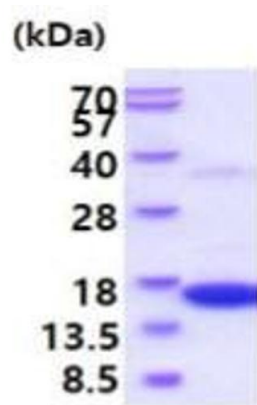
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In 20 mM Mes (pH 5.0) containing 1 mM DTT, 40 % glycerol, 0.2M NaCl

Storage: 4 °C,-20 °C,-80 °C

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



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.