

AR51628PU-N

Human IFNG / Interferon gamma (24-161) - Purified

Alternate names:

IFN-gamma, gamma IFN

Quantity:

0.25 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

IFNG is a member of the type II 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.

Uniprot ID:

[P01579](#)

NCBI:

[NP_000610](#)

GeneID:

[3458](#)

Species:

Human

Source:

E. coli

Format:

Purity: >95% by SDS - PAGE

Buffer System: Liquid. In PBS buffer (pH 7.4) containing 10% glycerol, 1mM DTT

Description:

Recombinant human IFNG protein was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN
FKDDQSIQKS VETIKEDMNK KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE
LSPAAGTGKR KRSQMLFRG

Molecular weight: 16.3 kDa (139aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Dufour C., et al. (2004) Br. J. Haematol. 126:682-685 Thiel D.J., et al. (2000) Structure 8:927-936

Pictures:

