

## OriGene Technologies, Inc.

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Schillerstr. 5

## AR51628PU-S Human IFNG / Interferon gamma (24-161) - Purified

Alternate names: IFN-gamma, gamma IFN

**Quantity:** 50 μg

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  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($ 

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 VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE

LSPAAKTGKR KRSQMLFRG

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

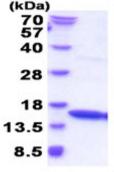
Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

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:** 



15% SDS-PAGE (3ug)