

## **Product datasheet for AR51628PU-N**

## OriGene Technologies, Inc.

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## IFNG / Interferon gamma (24-161) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** IFNG / Interferon gamma (24-161) human recombinant protein, 0.25 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN

FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE

LSPAAKTGKR KRSQMLFRG

Predicted MW: 16.3 kDa

Concentration: lot specific

Purity: >95% by SDS - PAGE

**Buffer:** Presentation State: Purified

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

**Protein Description:** Recombinant human IFNG protein was expressed in E.coli and purified by using conventional

chromatography techniques.

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.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 000610

 Locus ID:
 3458

 UniProt ID:
 P01579

 Cytogenetics:
 12q15

Synonyms: IFN-gamma, gamma IFN

**Summary:** This gene encodes a soluble cytokine that is a member of the type II interferon class. The

encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with

an increased susceptibility to viral, bacterial and parasitic infections and to several

autoimmune diseases. [provided by RefSeq, Dec 2015]





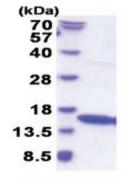
**Protein Families:** Druggable Genome, Secreted Protein

Protein Pathways: Allograft rejection, Cytokine-cytokine receptor interaction, Graft-versus-host disease, Jak-STAT

signaling pathway, Natural killer cell mediated cytotoxicity, Proteasome, Regulation of autophagy, Systemic lupus erythematosus, T cell receptor signaling pathway, TGF-beta

signaling pathway, Type I diabetes mellitus

## **Product images:**



15% SDS-PAGE (3ug)