



Recombinant human IFN- γ

Human interferon-gamma

Catalog # KPG-ReHIFN

IFN- γ , which is known as interferon type II, is an important inflammatory cytokine produced by T and NK cells. This is an important cytokine to induce development of type I cellular immunity. It also participates in the pathogenesis of autoimmune disorders such as type 1 diabetes and multiple sclerosis. The cytokine has a molecular mass each of 17 kilo Daltons. Recombinant human IFN- γ can be intended for use in *in vivo* and *in vitro* applications. Recombinant human IFN- γ is produced in E. coli BL21 transfected with the full-length sequence for the human IFN- γ gene in the PET21b+.

PRODUCT INFORMATION

Content:

- 100 ng of lyophilized recombinant human IFN- γ

Storage and stability:

- Recombinant human IFN- γ is shipped and stored at -20°C.
- Upon receipt, add adequate sterile distilled water and prepare aliquots of recombinant human IFN- γ and store at -20°C for 12 months.

Note: Avoid repeated freeze-thaw cycles.

Quality control

- Purity greater than 98% as determined by SDS-PAGE.
- Endotoxin levels <0.1 EU/ μ g as determined using a kinetic chromogenic LAL assay.
- Biological activity was not tested.
- Did not Sterile. Please sterile after reconstitution using 0.22 μ m filter.
- Expression system: E. coli BL21 strain
- Accession: CAA31639
- Protein length: Full length protein
- Animal free: Yes
- Carrier free: Yes
- Nature: Recombinant
- Predicted molecular weight: 17 kDa

CHARACTERISTICS

Source: Bacteria; E. coli BL21

Predicted molecular mass: $\approx$ 17 kDa (as determined by SDS-PAGE)

Formulation:

Recombinant human IFN- γ needs to be sterilized by filtered from 0.22 μ m filter.
Solubility: 20 μ g/ml in water

RELATED PRODUCTS

Recombinant Human TNF- α
Recombinant Human IL-1 β
Recombinant Human IL-2
Recombinant Human IL-4
Recombinant Human IL-6
Recombinant Human IL-8
Recombinant Human IL-10
Recombinant Human IL-12
Recombinant Human IL-13
Recombinant Human IL-17A
Recombinant Human IL-18
Recombinant Human IL-29
Recombinant Human TGF- β
Recombinant Human VEGF
Recombinant Human CCL21
Recombinant Human CXCL10
Recombinant Human CXCL12
Recombinant Human CCL2
Recombinant Human CCL3

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