

Active GMP Recombinant Human IFNG Protein

Cat. No. IFNG-01HG Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNG protein, was expressed in CHO-K1 cell-derived in an animal component free process under cGMP guidelines.
Species	Human
Source	CHO
Description	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.
Form	Lyophilized powder
Endotoxin	<20 EU/mg
Bio-activity	>1.6 x 10 ⁷ IU/mg
Purity	>95.0% by high performance liquid chromatography (SEC-HPLC) and SDS-PAGE.
Storage Buffer	10mM Phosphate-Buffered Saline (pH 7.2)
Storage	Stable storage at 4°C for 7-10 days; for long-term storage, please store at -20°C

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after dispensing.

Sterility

Sterility

Instructions

It is recommended that lyophilized GMP rhIFNG be dissolved in water for injection or sterilized ultrapure water at a concentration of not less than 100 µg/ml, pending further dilution to working concentration.

GENE INFORMATION

Gene Name

IFNG interferon gamma [Homo sapiens (human)]

Official Symbol

IFNG

Synonyms

IFG; IFI; IMD69

Gene ID

3458

mRNA Refseq

NM_000619.3

Protein Refseq

NP_000610.2

UniProt ID

P01579

MIM

147570

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