



## Interferon gamma, His Tag, human recombinant (rHuIFN-gamma-His)

**Catalog No:** 95010  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** Immune Interferon, type II interferon, T cell interferon, MAF, IFNG, IFG, IFI, IFN-gamma

### Background

IFN-gamma produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions, it is a potent activator of macrophages, and has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

### Description

Interferon gamma human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 143 amino acids (24-166) and having a molecular mass of 21.28 kDa with an N-terminal hexahistidine tag. IFN-g-His is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered clear solution.

### Formulation

Interferon-g-His is supplied in 10 mM Tris HCl and 50% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

### Purity

Greater than 95.0% as determined by (a) Analysis by RP-HPLC, (b) Analysis by SDS-PAGE.

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**