



## Product Datasheet

<b>Product Name</b>	Interferon-Gamma Human Recombinant, His Tag
<b>Cata No</b>	CB500380
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	Immune Interferon, type II interferon, T cell interferon, MAF, IFNG, IFG, IFI, IFN-gamma.

### Description

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.

Interferon-g Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 143 amino acids fragment (24-166) and having a molecular mass of 16879 Dalton with an amino-terminal hexahistidine tag. The IFN-g-His is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile Filtered clear solution.

### Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE

### Formulation

Interferon-g-His is supplied in 1x PBS 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.**