

## Data Sheet

### Recombinant Human Interferon-gamma (rh IFN- $\gamma$ )

Preclinical Grade - Order No.: 1425-050 (50  $\mu$ g)

#### Product Characteristics

Source	<i>E. coli</i>
Description	Human Interferon-gamma, accession # P01579, Gln24-Arg162 N-terminal Met Molecular mass 16.5 kDa
Formulation	Lyophilized from a 0.2 $\mu$ m-filtered solution containing 20 mM succinate, pH 5.0.

#### Quality Parameters

Activity	$\geq 10 \times 10^6$ IU/mg calibrated against Imukin® Measured in a cell cytotoxicity assay using HT-29 cells
Purity	$\geq 95$ %, as determined by SDS-PAGE (under reducing and non-reducing conditions, visualized by Coomassie staining)
Endotoxin	1000 EU/mg, as determined by LAL gel clot test
Sterility	Sterility test of the vial product (direct inoculation)
Mass per vial	50 $\mu$ g, as determined by spectrophotometrical measurement
Animal-derived component-free	ADCF Level 2: The final product contains neither animal-nor human-derived materials. ADCF Level 2 cytokines are produced in our dedicated animal-free facility. No animal-derived components are used throughout the complete production process. All ADCF Level 2 cytokines are produced in <i>E. coli</i> .

#### Shipment & Storage

Transport	Ambient temperature. Please refer to Technote ( <a href="http://www.cellgenix.com">www.cellgenix.com</a> )
Expiry	3 years from date of shipment
Storage & Stability	Store lyophilized cytokine at -20°C to -80°C. Avoid repeated freeze/thaw cycles.

## Handling Instructions

Reconstitution

Dilution

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## Quality Statement

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