



Protein Specifications

RECOMBINANT HUMAN IFN GAMMA

<u>Catalog #</u>	<u>Size</u>
RPH-100	5 μ g
RPH-101	25 μ g
RPH-102	2x25 μ g
RPH-103	100 μ g
RPH-104	2x100 μ g
RPH-105	5x100 μ g
RPH-106	10x100 μ g

Physical Specifications

Source:	Yeast
Formulation/Reconstitution:	Lyophilized, Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Molecular Weight:	16.8kDa (calculated)
Purity:	>95% (as visualized by SDS-PAGE analysis)
Purification:	Ion-exchange chromatography
Entrez Gene ID:	3458
Amino Acid Sequence:	QDPYVKEAEN LKKYFNAGHS DVADNGTLFL GILKNWKEES DRKIMQSQIV SFYFKLFKNF KDDQSIQKSV ETIKEDMNVK FFNSNKKKRD DFEKLTNYSV TDLNVQRKAI HELIQVMAEL SPAAKTGKRK RSQMLFRGRR ASQ (143)

Bioactivity

The bioactivity of recombinant human IFN gamma was measured in an inhibition assay using human K-562 cells. The ED50 for this effect is typically 400-600ng/ml.

Stability and Storage

Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

Country of Origin

U.S.A.

Support

Generation of this material is based upon work supported by the Cooperative State Research, Extension, Education Services (CSREES), USDA under project #0206006 US Veterinary Immune Reagent Network (www.vetimm.org).

Warranty

Products are warranted by the manufacturer to meet stated product specifications, conforming to label descriptions when used, and handled and stored according to instructions. Unless otherwise stated, this warranty is limited to one year from date of sale. The manufacturer's sole liability for the product is limited to replacement of the product or refund of the original purchase price. The manufacturer's products are supplied for research applications only. They are not intended for medicinal, diagnostic, or therapeutic use. These products may not be resold, modified for resale, or used to manufacture commercial products without prior written approval from the manufacturer.

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1/31/2012