

## IFN-gamma, Human Recombinant

<b>Catalog No.</b>	CR2026	<b>Quantity:</b>	100 µg
<b>Name:</b>	Interferon Gamma (IFN-gamma)		
<b>Concentration:</b>	1.0 mg/ml		
<b>Description:</b>	Recombinant human Interferon Gamma has a MW = 16.8 kDa.		
<b>Protein Accession No:</b>	V00543		
<b>Source:</b>	<i>E. coli</i>		
<b>Formulation:</b>	Liquid in PBS containing 0.1% BSA.		
<b>Purity:</b>	≥ 95%		
<b>Endotoxin Level:</b>	<0.1 ng/µg of protein		
<b>Biological Activity:</b>	Interferon was titrated with the use of a cytopathic effect inhibition assay. In this antiviral assay for interferon about 1 unit/ml of interferon is the quantity necessary to produce a cytopathic effect of 50%. The units are determined with respect to the international reference standard for human interferon gamma (hIFN-γ) provided by the National Institutes of Health [see Pestka, S. (1986) "Interferon Standards and General Abbreviations," in <i>Methods in Enzymology</i> (S. Pestka, ed.), Academic Press, New York <b>119</b> , 14-23]. Unit of activity measured on H226 cells with vesicular stomatitis virus (VSV).		
<b>Specific Activity:</b>	1.59 x 10 <sup>7</sup> units/mg		
<b>Storage &amp; Stability:</b>	After receipt, this product should be kept at -80°C or below for retention of full activity. When thawing, the contents of the tube should be apportioned in separate tubes in order to <b>avoid repeated freeze-thaw cycles</b> . Dilute only in buffers containing protein such as 0.1% BSA.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

