

## IFN-Alpha 2, Human Recombinant

<b>Catalog No.</b>	CR2005	<b>Quantity:</b>	1x10E5 Units
<b>Concentration:</b>	1 x 10 <sup>6</sup> units/ml		
<b>Description:</b>	Recombinant Human Interferon Alpha 2 (Hu-IFN- $\alpha$ 2; Hu-IFN- $\alpha$ 2b) has a MW = 19.269 kDa.		
<b>Protein Accession No:</b>	V00548		
<b>Source:</b>	<i>E. coli</i>		
<b>Formulation:</b>	Liquid. PBS containing 0.1% BSA.		
<b>Purity:</b>	Greater than 95%		
<b>Biological Activity:</b>	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 alpha A (Hu-IFN- $\alpha$ A) provided by the National Institutes of Health [see Pestka, S. (1986) "Interferon Standards and General Abbreviations," in Methods in Enzymology (S. Pestka, ed.), Academic Press, New York 119, 14-23]. Unit of activity measured on bovine MDBK cells with vesicular stomatitis virus (VSV).		
<b>Specific Activity:</b>	1.65 x 10 <sup>8</sup> units/mg		
<b>Storage &amp; Stability:</b>	<b>Centrifuge vial prior to opening.</b> This product should be kept at -70°C or below for retention of full activity. When thawing, the contents of the tube should be apportioned in separate tubes. <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.

