

## Active Recombinant Monkey Interferon, Alpha 2

Cat. No. IFNA2-117M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Monkey IFNA2 was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Monkey
<b>Source</b>	Monkey
<b>Description</b>	Interferons (IFNs) are proteins made and released by lymphocytes in response to the presence of pathogens-such as viruses, bacteria, or parasites-or tumor cells. They allow communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors.
<b>Form</b>	Supplied as a liquid in PBS with 0.1% BSA.
<b>Purity</b>	>98% pure by SDS PAGE
<b>Molecular Mass</b>	19.5 kDa
<b>Applications</b>	Numerous applications are possible with this product and should be tested by the end user under their own laboratory conditions
<b>Endotoxin Levels</b>	<1 EU/ug
<b>Bioactivity</b>	The EC50 for interferon in a cytopathic effect inhibition assay is ~1 U/ml (Human), ~5 U/ml (Bovine) and ~200 U/ml (Rhesus)

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**Storage** Aliquot and store at -70 deg C or lower. Avoid repeated freeze/thaw cycles

## GENE INFORMATION

**Gene Name** IFNA2 interferon, alpha 2 [ *Macaca mulatta* ]

**Official Symbol** IFNA2

**Synonyms** IFNA2; interferon, alpha 2; interferon alpha-2; interferon alpha 2

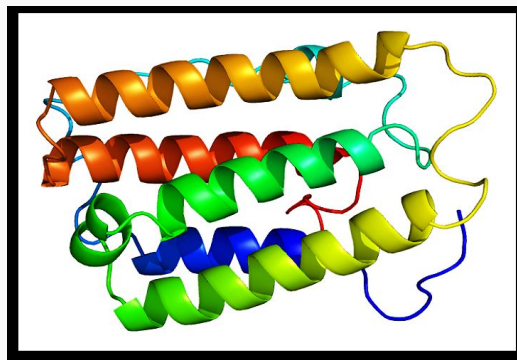
**Gene ID** 709948

**mRNA Refseq** [NM\\_001135794](#)

**Protein Refseq** [NP\\_001129266](#)

**Pathway** Autoimmune thyroid disease; Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; Hepatitis C; Herpes simplex infection; Influenza A; Jak-STAT signaling pathway; Measles; Natural killer cell mediated cytotoxicity; RIG-I-like receptor signaling pathway; Regulation of autophagy; Toll-like receptor signaling pathway; Tuberculosis

**PDBrendering based on 1itf.**



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