

Active Recombinant Monkey Interferon, Alpha 2

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

SPECIFICATION

Product Overview	Recombinant Monkey IFNA2 was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Monkey
Source	Monkey
Description	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.
Form	Supplied as a liquid in PBS with 0.1% BSA.
Purity	>98% pure by SDS PAGE
Molecular Mass	19.5 kDa
Applications	Numerous applications are possible with this product and should be tested by the end user under their own laboratory conditions
Endotoxin Levels	<1 EU/ug
Bioactivity	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

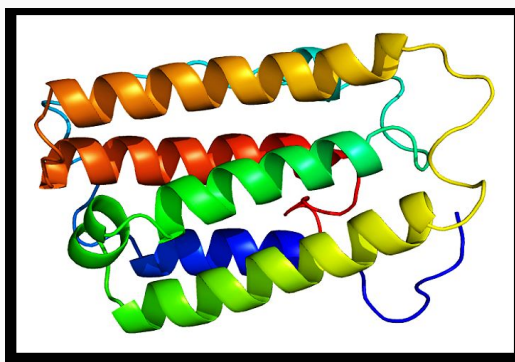
Gene ID 709948

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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