# Recombinant Human Interferon-alpha 2b (IFN-α 2b)

**CATALOG #**: 4595-20 20 μg

4595-100 100 μg 4595-1000 1 mg

SOURCE: E. coli

**PURITY:** >98% by SDS-PAGE and HPLC analysis

Endotoxin level is <0.1 ng per μg of IFN-α 2b.

MOL. WEIGHT: 19.3 kDa

**FORMULATION:** Lyophilized from 50 mM sodium phosphate, pH 7.4.

#### **RECONSTITUTION:**

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

# STORAGE CONDITIONS:

The lyophilized IFN- $\alpha$  2b is best-stored desiccated below 0°C. Reconstituted IFN- $\alpha$  2b should be stored at working aliquots at -20°C.

#### DESCRIPTION:

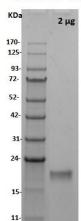
IFN- $\alpha$  2b is a lymphoid factor that possesses potent anti-viral activity. Human IFN- $\alpha$  2b is a 19.3 kDa protein containing 165 amino acid residues.

#### **BIOLOGICAL ACTIVITY:**

The biological activity is not tested.

# FOR RESEARCH USE ONLY! Not to be used on humans.

INFα-2b -rh



SDS-PAGE (4 - 20%) analysis of purified INF-α 2b

# **RELATED PRODUCTS:**

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- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

## Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

## Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

# Molecular Biology & Reporter Assays

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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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