

## IFN-alpha 2a, Human CellExp™, human recombinant

<b>CATALOG #:</b>	6458-10	10 µg
	6458-50	50 µg
<b>ALTERNATE NAMES:</b>	Leukocyte interferon, B cell interferon, Type I interferon, IFNA2, IFN-α 2a.	
<b>SOURCE:</b>	Human 293 Cell Expressed	
<b>PURITY:</b>	> 95% by SDS - PAGE	
<b>MOL. WEIGHT:</b>	16 kDa, monomer, glycosylated	
<b>ENDOTOXIN LEVEL:</b>	< 1.0 EU per 1 µg of protein	
<b>FORMULATION:</b>	Lyophilized from a TBS solution.	
<b>RECONSTITUTION:</b>	Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.	

### STORAGE CONDITIONS:

Aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

### ADVANTAGES:

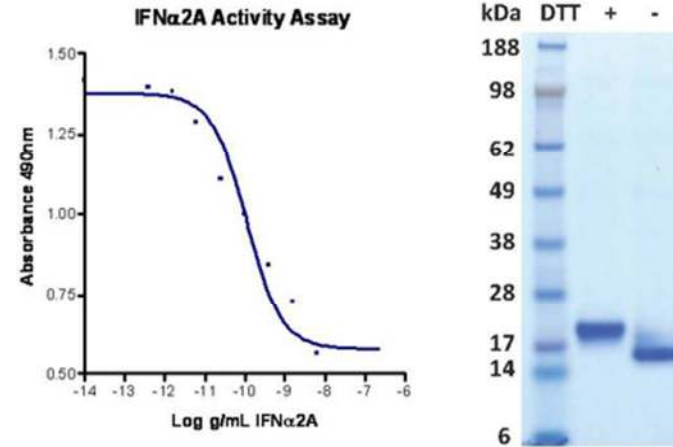
- Animal-derived product free
- High Activity
- Authentic Glycosylation

### DESCRIPTION:

Interferons (IFNs) are proteins made and released by host cells in response to the presence of pathogens. They belong to the large class of glycoproteins known as cytokines. IFN-alpha is produced by macrophages and has antiviral activities. IFNs also have other functions: they activate immune cells, such as natural killer cells and macrophages; they increase recognition of infection or tumor cells by up-regulating antigen presentation to T lymphocytes; and they increase the ability of uninfected host cells to resist new infection by virus.

### BIOLOGICAL ACTIVITY:

ED<sub>50</sub> is typically 0.1 to 0.4 ng/mL. The specific activity was determined by the dose-dependent cytotoxicity of the human TF-1 cell line (human erythroleukemic indicator cell line).



Human Cell<sup>exp</sup> Human Recombinant IFN-α 2a

### RELATED PRODUCTS:

- Human Cell<sup>exp</sup> Human Recombinant IFN-alpha 2b (Cat # 6459-10, -50)
- IFN-alpha 2a, human recombinant (Cat # 4594-20, -100, -1000)
- IFN-alpha 2b, human recombinant (Cat # 4595-20, -100, -1000)
- IFN-alpha 1, human recombinant (Cat # 4596-10, -100, -1000)
- IFN-beta 1b, human recombinant (Cat # 4860-10, -50, -1000)
- IFN-gamma, human recombinant (Cat # 4116-20, -100, -1000)
- IFN-gamma, murine recombinant (Cat # 4117-20, -100, -1000)
- IFN-gamma, rat recombinant (Cat # 4118-50, -100, -1000)
- IFN-gamma Antibody (Cat # 5116-200)
- IFN-gamma Antibody (Cat # 5117-100)
- IFN-alpha Antibody (Cat # 5596-100)
- IFN-alpha Antibody (Cat # 5595R-100)
- IFN-alpha 2b Antibody (Cat # 5595-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**