

Recombinant Human Interferon-alpha 2a (IFN- α 2a)

CATALOG #:	4594-20	20 μ g
	4594-100	100 μ g
	4594-1000	1 mg
LOT #:		
SOURCE:	<i>E. coli</i>	
PURITY:	>95% by SDS-PAGE and HPLC analysis Endotoxin level is <0.03 ng per μ g of IFN- α 2a.	
MOL. WEIGHT:	19.4 kDa	
FORM:	Lyophilized without additives	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 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. For long-term storage, it is recommended to add a carrier protein (0.1% BSA or HAS).

STORAGE CONDITIONS:

The lyophilized IFN- α 2a is best-stored desiccated below 0°C. Reconstituted IFN- α 2a should be stored at working aliquots at -20°C.

DESCRIPTION:

Recombinant human IFN- α 2a is a single, non-glycosylated, polypeptide chain with a molecular mass 19.4 kDa containing 166 amino acid residues.

BIOLOGICAL ACTIVITY:

The specific activity as determined in a viral resistance assay using VSV-WISH cells was found to be greater than 1×10^8 IU/mg.

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

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- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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