

IFN alpha 2 active protein

IFN alpha 2 protein (Monkey)

CATALOG #
AAA75395

HOST
Monkey

PRODUCT SYNONYMS

IFN alpha 2; IFN alpha 2 protein (Monkey); Interferon alpha 2 protein; Cynomologous IFN alpha 2 protein; Rhesus IFN alpha 2 protein; IFN alpha 2 active protein

PRODUCT SPECIFICATIONS

Host	Monkey
Purity/Purification	> 98% pure
Form/Format	Stored in PBS buffer with 0.1% BSA. Dilute only in buffers containing protein such as 0.1% BSA.
Concentration	Activity: 4.77×10^6 units/ml Specific Activity: 1.98×10^8 units/mg (varies by lot)
Sequence Length	72
Protein Type	Recombinant
Biological Significance	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.
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)
Endotoxin Levels	<1 EU/ug
Grade	Highly pure
Expression System	Rhesus cDNA expressed in E.Coli
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Biohazard	Use standard laboratory precautions when handling this material.
Preparation and Storage	Upon receipt store at -20 degree C short-term, -70 degree C long term. Keep freeze thaw to a minimum Shipping: Ships with Dry Ice.

ADDITIONAL INFORMATION

Related Product Information for IFN alpha 2 active protein	Purified recombinant Monkey IFN alpha 2 protein
Product Categories/Family for IFN alpha 2 active protein	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4261660
NCBI GeneID	3440
UniProt Accession #	Q16054 ; P01563

Molecular Weight	19.5 kDa
NCBI Official Full Name	interferon alpha 2, partial
NCBI Official Synonym Full Names	interferon, alpha 2
NCBI Official Symbol	IFNA2
NCBI Official Synonym Symbols	IFNA; INFA2; IFNA2B; IFN-alphaA
NCBI Protein Information	interferon alpha-2
UniProt Protein Name	IFN-<alpha>2 protein
UniProt Gene Name	IFN-<alpha>2
UniProt Entry Name	Q16054_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monkey-active-protein/ifn-alpha-2/75395>