

IFN-alpha 1/IFNA1 Protein, Rat (HEK293, C-His)

Cat. No.:	HY-P74864A
Synonyms:	Interferon alpha-1; IFN-alpha-1; IFNA1
Species:	Rat
Source:	HEK293
Accession:	P05011 (C24-S192)
Gene ID:	298210
Molecular Weight:	Approximately 19-24 kDa

PROPERTIES

AA Sequence	<p>CDLPHTHNLR NKRVF TLLAQ MRRLSPV SCL KDRKYFGFPL</p> <p>EKVDGQQIQK AQAIPVLHEL TQQILSLF TS KESSTAWDAT</p> <p>LLDSFCNDLQ QQLSGLQACL MQQVGVQESP LTQEDSLLAV</p> <p>REYFHRITVY LRENKHSPCA WEVVKAEVWR ALSSSANLMG</p> <p>RLREERNES</p>
Biological Activity	Immobilized IFN-alpha 13 at 5 µg/mL (100 µL/well) can bind IFN Alpha Monoclonal antibody. The ED ₅₀ for this effect is 5.679 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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