



# Certificate of Analysis

## IFN-beta Protein, Human (HEK293, Fc)

Cat. No.:	HY-P73129
Batch No.:	231376
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P01574 (M1-N187)
Gene ID:	3456
Molecular Weight:	Approximately 52 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitis virus (VSV) and the ED <sub>50</sub> is 0.06-0.8 ng/mL.	0.06 ng/mL
Appearance	Solution.	
Concentration	1.70 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA