



Certificate of Analysis

IFN-alpha 2/IFNA2 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P73248
Batch No.:	205293
Species:	Others
Source:	HEK293
Tag:	N-hFc
Accession:	P01573 (C24-E190)
Gene ID:	15965
Molecular Weight:	Approximately 52 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	97.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1. Measured in antiviral assays using L929 cells infected with vesicular stomatitisvirus (VSV) and the ED ₅₀ is 1-8 ng/mL. 2. Measured by binding ability in a functional ELISA. Immobilized mouse IFNAR1-His at 2 μg/mL (100 μl/well) can bind IFN-alpha 2 Protein, Mouse (HEK293, Fc) and the EC ₅₀ is 47.5 ng/mL.	6.1 ng/mL (Test by method 1) PASS (Test by method 2)
Appearance	Solution.	
Concentration	1.22 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

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