



# Certificate of Analysis

## IFN-alpha/beta R2 Protein, Human (HEK293, His, solution)

Cat. No.:	HY-P74862A
Batch No.:	250977
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P48551 (I27-K243)
Gene ID:	3455
Molecular Weight:	Approximately 45 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to inhibit rh IFNβ mediated protection of WISH Human amnion cells infected with vesicular stomatitis virus (VSV) to viral lysis and the EC <sub>50</sub> is typically <4 μg/mL.	0.3 μg/mL
Appearance	Solution.	
Concentration	2.05 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