



# Certificate of Analysis

## Animal-Free IFN-lambda 3/IL-28B Protein, Human (His)

**Cat. No.:** HY-P700120AF  
**Batch No.:** 268756  
**Species:** Human  
**Source:** E. coli  
**Tag:** C-His  
**Accession:** Q8IZI9 (V22-V196)  
**Gene ID:** 282617  
**Molecular Weight:** Approximately 25.57 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.01 EU per 1 µg of the protein by the LAL method.	<0.01 EU/µg
Biological Activity	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED <sub>50</sub> for this effect is <5 ng/mL.	<5 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C. 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.**

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