

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-21 11:22:14  
 Date of Next Testing: 2027-05-21 11:22:14  
  
 Product Name: Recombinant Human IFN-alpha G/IFNA5 Protein  
 Lot #: ZJ26F0535509  
 SKU #: rp323565  
 Version: 1  
 Analysis #: 036390  
 Source: Recombinant  
 Specifications & Purity: Animal Free, Bioactive, ActiBioPure™, Carrier Free, High performance, ≥90%(SDS-PAGE), See COA  
  
 Concentration:  
 Formulation: Lyophilized  
 Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.  
 Reconstitute at 0.5 mg/mL in sterile distilled water. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.  
  
 Storage Conditions: Store at -20°C, Avoid repeated freeze-thaw cycles  
 Analysis: 036390

| Parameter                | Limit Value               | Result                    |
|--------------------------|---------------------------|---------------------------|
| Molecular Weight         | 12.8-23.0(kD)             | 18.09461 kD               |
| Purity(SDS-PAGE)         | 90-100(%)                 | 95.00000 %                |
| Activity(ED50)           | 0-10(ng/ml)               | 8.90000 ng/ml             |
| Appearance(rp323565)     | White to off-white powder | White to off-white powder |
| Endotoxin Level <1 EU/μg | Conform                   | Conform                   |



Sophia Cheng  
 Quality Assurance