



# Certificate of Analysis

## IFN-alpha 5/IFNA5 Protein, Mouse (HEK293, His)

Cat. No.: HY-P76461  
 Batch No.: 401810  
 Species: Mouse  
 Source: HEK293  
 Tag: C-His  
 Accession: Q810G2 (C24-E189)  
 Gene ID: 15968  
 Molecular Weight: Approximately 23.8&22.4 kDa.

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	94.60%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in antiviral assays using L929 cells infected with vesicular stomatitisvirus (VSV). The ED <sub>50</sub> for this effect is 0.02-0.1 ng/mL.	0.03 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 for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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.**

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