



# Certificate of Analysis

## IFN-alpha 13/IFNA1 Protein, Rat (HEK293, His)

**Cat. No.:** HY-P74864  
**Batch No.:** 307672  
**Species:** Rat  
**Source:** HEK293  
**Tag:** C-His  
**Accession:** P05011 (C24-S192)  
**Gene ID:** 298210  
**Molecular Weight:** 20-25 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED <sub>50</sub> for this effect is typically 4-20 ng/mL.	7 ng/mL
Appearance	Solution	
Concentration	1.77 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.**

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