



Certificate of Analysis

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

Cat. No.:	HY-P76462
Batch No.:	307679
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	XP_001076062 (C24-E189)
Gene ID:	690894
Molecular Weight:	Approximately 21 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.	PASS
Biological Activity	Measured in antiviral assay using L929 cells infected with vesicular stomatitis virus (VSV). The ED ₅₀ for this effect is typically 4-50 pg/mL.	4 pg/mL
Appearance	Solution	
Concentration	0.8 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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