



# Certificate of Analysis

## IFN-alpha 1/IFNA1 Protein, Mouse (P.pastoris, His)

Cat. No.:	HY-P74866
Batch No.:	334482
Species:	Mouse
Source:	<i>P. pastoris</i>
Tag:	C-His
Accession:	P01572 (C24-K189)
Gene ID:	15962
Molecular Weight:	Approximately 20.5 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	91.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in antiviral assays using L929 cells infected with vesicular stomatitisvirus (VSV) and the ED <sub>50</sub> is 20-100 pg/mL.	PASS
Appearance	Solution	
Concentration	6.3 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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