



# Certificate of Analysis

## IFN-alpha 2/IFNA2 Protein, Human (P.pastoris)

Cat. No.:	HY-P73246
Batch No.:	378381
Species:	Human
Source:	<i>P. pastoris</i>
Tag:	Tag Free
Accession:	P01563 (C24-E188)
Gene ID:	3440
Molecular Weight:	Approximately 19.3 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	96.60%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitis virus(VSV) and the EC <sub>50</sub> is typically 0.6-4.2 pg/mL.	PASS
Appearance	Solution	
Concentration	1.46 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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