



Certificate of Analysis

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

Cat. No.:	HY-P73247
Batch No.:	258056
Species:	Mouse
Source:	<i>P. pastoris</i>
Tag:	Tag Free
Accession:	P01573 (C24-E190)
Gene ID:	15965
Molecular Weight:	Approximately 19.4 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in antiviral assays using L929 cells infected with vesicular stomatitis virus (VSV) and the ED ₅₀ is typically 0.15-0.9 ng/mL.	0.15 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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. 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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