



# Certificate of Analysis

## IFN-alpha 13/IFNA1 Protein, Human

Cat. No.:	HY-P72796
Batch No.:	135694
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P01562 (C24-E189, A137V)
Gene ID:	3439
Molecular Weight:	Approximately 19.5 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.00%
Endotoxin Level	<1 EU/μg; determined by LAL method.	PASS
Biological Activity	The specific activity determined by an anti-viral assay is no less than $1.0 \times 10^8$ IU/mg.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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