



# Certificate of Analysis

## GMP IFN-gamma Protein, Human (HEK293)

Cat. No.:	HY-P70610G
Batch No.:	252953
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P01579 (Q24-Q166)
Gene ID:	3458
Molecular Weight:	16&18&25 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.01 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity is >2×10 <sup>7</sup> IU/mg.	5.15×10 <sup>7</sup> IU/mg
pH Value	7.4	
Host Cell Protein (ELISA)	0.018 μg per mg of protein	
Host Cell DNA (qPCR)	0.001 ng per mg of protein	
Mycoplasma	Negative	
Sterility	PASS	
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in injection water.	
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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