



# Certificate of Analysis

## IFN-gamma Protein, Rat

Cat. No.:	HY-P7095
Batch No.:	414831
Species:	Rat
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P01581 (G24-C156)
Gene ID:	25712
Molecular Weight:	Approximately 14-15.5 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized rat IFN gamma at 10 μg/mL (100 μL/well) can bind biotinylated rat IFN gamma R1. The ED <sub>50</sub> for this effect is 35.05 ng/mL.	35.05 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O or PBS.	
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 (with carrier protein). 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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