



Certificate of Analysis

IFN-gamma Protein, Rat

Cat. No.: HY-P7095
 Batch No.: 46944
 Species: Rat
 Source: *E. coli*
 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.	≥95.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	The ED ₅₀ is <0.5 ng/mL as measured by WEHI-279 cells, corresponding to a specific activity of >2 × 10 ⁶ units/mg.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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