



Certificate of Analysis

IFN-gamma Protein, Mouse

Cat. No.: HY-P7071
 Batch No.: 412554
 Species: Mouse
 Source: *E. coli*
 Tag: Tag Free
 Accession: P01580 (H23-C155)
 Gene ID: 15978
 Molecular Weight: Approximately 12-15 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. When Recombinant Mouse IFN gamma is used at 10 μg/mL, the concentration of Recombinant Mouse CD119. The ED ₅₀ for this effect is ≤150 ng/mL.	126.8 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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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