



Certificate of Analysis

Prolactin Protein, Human (SF9, His)

Cat. No.: HY-P73380
Batch No.: 240923
Species: Human
Source: Sf9 insect cells
Tag: C-His
Accession: P01236 (L29-C227)
Gene ID: 5617
Molecular Weight: Approximately 24.3 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to promote proliferation of INS-1 cells and the ED ₅₀ is typically 5-120 ng/mL.	5.6 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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