



Certificate of Analysis

Prolactin Protein, Mouse (Sf9, His)

Cat. No.:	HY-P73381
Batch No.:	228482
Species:	Mouse
Source:	<i>Sf9 insect cells</i>
Tag:	C-His
Accession:	NP_035294.2 (L32-C228)
Gene ID:	19109
Molecular Weight:	Approximately 26 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	97.00%
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 50-500 ng/mL.	215 ng/mL
Appearance	Solution.	
Concentration	0.9 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

Caution: Product has not been fully validated for medical applications. For research use only.

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