



Certificate of Analysis

Growth Hormone R/GHR Protein, Rat (HEK293, His)

Cat. No.:	HY-P73089
Batch No.:	292774
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	P16310-1 (F19-R265)
Gene ID:	25235
Molecular Weight:	35-45 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 inhibit GH-induced proliferation of Nb2-11 rat lymphoma cells. The ED ₅₀ of this effect is 0.5495 ng/mL in the presence of 0.2 ng/mL GH, corresponding to a specific activity is 1.8198×10 ⁶ units/mg.	0.5495 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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