



Certificate of Analysis

Prolactin R Protein, Human (HEK293, His)

Cat. No.:	HY-P73696
Batch No.:	262265
Species:	Human
Source:	HEK293
Tag:	C-10*His
Accession:	NP_000940.1 (Q25-D234)
Gene ID:	5618
Molecular Weight:	Approximately 34.68 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.	<1 EU/μg
Biological Activity	Measured by its ability to inhibit Prolactin-induced proliferation of Nb2-11 rat lymphoma cells. The ED_{50} this effect is 0.03362 μg/mL in the presence of 0.5 ng/mL of recombinant human Prolactin, corresponding to a specific activity is 2.97×10^4 units/mg.	0.03362 μg/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. 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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