



Certificate of Analysis

IGF-I R Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78723
Batch No.:	280903
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	Q60751-1 (E31-H936)
Gene ID:	16001
Molecular Weight:	110-140 & 50-65 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by Tris-Bis PAGE.	95.00%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Immobilized Mouse IGF1R, His Tag at 1 µg/mL (100 µl/well) on the plate. Dose response curve for Human IGFI, hFc Tag with the EC ₅₀ of 2.58 µg/mL determined by ELISA.	2.58 µg/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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