



Certificate of Analysis

IGF-I R Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78142
Batch No.:	213729
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P08069 (E31-N932)
Gene ID:	3480
Molecular Weight:	110-120 kDa (alpha subunit) & 52-55 kDa (beta subunit)

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. When immobilized Anti-IGF1R Antibody at 0.5μg/ml (100μl/Well), can bind Biotinylated Human IGF1R His tag and the EC ₅₀ is 35.7 ng/mL.	PASS
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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