



Certificate of Analysis

Insulin R/CD220 Protein, Human (HEK293, C-His)

Cat. No.:	HY-P73873A
Batch No.:	293765
Species:	Human
Source:	HEK293
Tag:	C-10*His
Accession:	P06213 (H28-K956)
Gene ID:	3643
Molecular Weight:	Approximately 130 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 binding ability in a functional ELISA. When 15 ng/mL of biotinylated recombinant human Insulin is added to serially diluted Recombinant Human Insulin R/CD220, the concentration of Recombinant Human Insulin R/CD220 that produces 50% of the optimal binding response is 730.7 ng/mL.	730.7 ng/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. 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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