



Certificate of Analysis

Leptin R/LEPR Protein, Human (HEK293, His-Fc)

Cat. No.:	HY-P73273
Batch No.:	275839
Species:	Human
Source:	HEK293
Tag:	C-hFc;C-8*His
Accession:	NP_002294.2 (F22-D839)
Gene ID:	3953
Molecular Weight:	130-180 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.00%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human Leptin at 1.25 µg/mL (100 µL/well) can bind Biotinylated human Leptin receptor. The ED ₅₀ for this effect is 0.1843 µg/mL.	0.1843 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. 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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