



Certificate of Analysis

FGF-21 Protein, Human (HEK293, mFc-Avi)

Cat. No.:	HY-P78442
Batch No.:	272366
Species:	Human
Source:	HEK293
Tag:	N-mFc;N-Avi
Accession:	Q9NSA1 (H29-S209)
Gene ID:	26291
Molecular Weight:	52-60 kDa

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.	<0.05 EU/μg
Biological Activity	Immobilized Human FGF21 at 5 μg/mL (100 μl/Well) on the plate. Dose response curve for Human Beta Klotho, His Tag with the EC ₅₀ of 2.29 μg/mL determined by ELISA.	2.29 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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