



Certificate of Analysis

Klotho beta Protein, Human (HEK293, His)

Cat. No.:	HY-P77972
Batch No.:	336116
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q86Z14 (M30-T983)
Gene ID:	152831
Molecular Weight:	112-140 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.	PASS
Biological Activity	1.Immobilized Human Beta Klotho at 2 μg/mL (100 μL/Well). Dose response curve for Anti-Beta Klotho Antibody1 with the EC ₅₀ is < 80.2 ng/mL determined by ELISA. 2.Immobilized Human Beta Klotho at 2 μg/mL (100μl/Well). Dose response curve for Anti-Beta Klotho Antibody2, hFc Tag with the EC ₅₀ of < 89.8 ng/ml determined by ELISA.	23.1 ng/mL (Test by method 1) 17.9 ng/mL (Test by method 2)
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 (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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