



Certificate of Analysis

Klotho Protein, Human (CHO, His)

Cat. No.:	HY-P700011
Batch No.:	248930
Species:	Human
Source:	CHO
Tag:	C-10*His
Accession:	Q9UEF7 (E34-S981)
Gene ID:	9365
Molecular Weight:	120-140kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.1 EU/μg, determined by LAL method.	PASS
Biological Activity	The EC ₅₀ as determined by the dose-dependent stimulation of the proliferation of murine NIH/3T3 is less than 1 μg/mL.	<1 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 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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