



Certificate of Analysis

SHH Protein, Human (HEK293, His)

Cat. No.:	HY-P73417
Batch No.:	237390
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q15465 (M1-G197)
Gene ID:	6469
Molecular Weight:	Approximately 24 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to induce alkaline phosphatase production by C3H10T1/2 mouse embryonic fibroblast cells and the ED ₅₀ is typically 1-10 μg/mL.	1.62 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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