



# Certificate of Analysis

## SHH Protein, Mouse (C25II)

**Cat. No.:** HY-P7409  
**Batch No.:** 386729  
**Species:** Mouse  
**Source:** *E. coli*  
**Tag:** Tag Free  
**Accession:** Q62226 (C25-G198, C25II)  
**Gene ID:** 20423  
**Molecular Weight:** Approximately 19.7 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	The ED <sub>50</sub> is <2 μg/mL as measured by C3H/10T1/2 (CCL-226) cells, corresponding to a specific activity of >500 units/mg.	<2 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 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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