



# Certificate of Analysis

## Noggin Protein, Mouse (HEK293, Fc)

**Cat. No.:** HY-P73323  
**Batch No.:** 280652  
**Species:** Mouse  
**Source:** HEK293  
**Tag:** C-hFc  
**Accession:** P97466 (Q28-C232)  
**Gene ID:** 18121  
**Molecular Weight:** 55-65 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by Tris-Bis PAGE.	≥90.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit BMP-4-induced alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED <sub>50</sub> for this effect is 0.04-0.3 μg/mL in the presence of 50 ng/mL of recombinant Human BMP-4.	40.6 ng/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.	
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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