



Certificate of Analysis

Noggin Protein, Human (HEK293, His)

Cat. No.:	HY-P73322
Batch No.:	265252
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q13253/NP_005441.1 (Q28-C232)
Gene ID:	9241
Molecular Weight:	Approximately 30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit recombinant human BMP4-induced alkaline phosphatase production by MC3T3-E1 cells. The ED ₅₀ for this effect is typically 0.03-0.3 μg/mL in the presence of 25 ng/mL of recombinant human BMP4.	0.03 μg/mL
Appearance	Solution.	
Concentration	0.34 mg/mL	
Reconstitution	N/A	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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