

## CERTIFICATE OF ANALYSIS

### Product Information

---

Product Name: Noggin, Mouse

Cat. No.: Z03205-5; Z03205-25

Lot No.: B60071808

Size: 5µg/vial; 25µg/vial

Storage Condition: Lyophilized recombinant Mouse Noggin remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rmNoggin should be stable up to 1 week at 4°C or up to 2 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

---

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Biological Activity(ED <sub>50</sub> )	< 60 ng/ml	Conformed
Molecular Weight	29~31 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	Conformed

---

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: zh.cui Date: 08/01/2018

Protein Products Department