

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Date of Testing:         | 2026-04-01 16:00:19                                                            |
| Date of Next Testing:    | 2028-03-31 16:00:19                                                            |
| Product Name:            | Recombinant Human Noggin Protein                                               |
| Lot #:                   | ZJ26F0333612                                                                   |
| SKU #:                   | rp149360                                                                       |
| Version:                 | 1                                                                              |
| Analysis #:              | 033604                                                                         |
| Source:                  | Recombinant                                                                    |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Azide Free, ActiBioPure™, ≥95%(SDS-PAGE) |
| Concentration:           |                                                                                |
| Formulation:             | Lyophilized                                                                    |
| Reconstitution:          | Reconstitute in sterile water to a concentration of 0.1-0.5 mg/ml.             |
| Storage Conditions:      | Store at -20°C, Avoid repeated freezing and thawing                            |
| Analysis:                | 033604                                                                         |

| Parameter                  | Limit Value              | Result                   |
|----------------------------|--------------------------|--------------------------|
| Molecular Weight           | 31.5-41.8(kD)            | 31.50000 kD              |
| Purity(SDS-PAGE)           | 95-100(%)                | 100.00000 %              |
| Appearance(rp149360)       | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg | Conform                  | Conform                  |
| BMP2 binding               | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance