

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-02-24 14:25:50                                                                              |
| Date of Next Testing:    | 2027-02-24 14:25:50                                                                              |
| Product Name:            | Recombinant Human Progranulin Protein                                                            |
| Lot #:                   | ZJ25F0319859                                                                                     |
| SKU #:                   | rp146631                                                                                         |
| Version:                 | 1                                                                                                |
| Analysis #:              | 031186                                                                                           |
| Source:                  | Recombinant                                                                                      |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, ≥92%(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:                | 031186                                                                                           |

| Parameter                                            | Limit Value              | Result                   |
|------------------------------------------------------|--------------------------|--------------------------|
| Molecular Weight                                     | 70-95(kD)                | 82.00000 kD              |
| Purity(SDS-PAGE)                                     | 92-100(%)                | 100.00000 %              |
| Appearance(rp146631)                                 | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg                           | Conform                  | Conform                  |
| E16-E18 rat embryonic cortical neurons proliferation | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance