

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-04-13 08:52:21                                                                  |
| Date of Next Testing:    | 2027-04-13 08:52:21                                                                  |
| Product Name:            | Recombinant Human Semaphorin 5A Protein                                              |
| Lot #:                   | ZJ25F0522103                                                                         |
| SKU #:                   | rp151382                                                                             |
| Version:                 | 1                                                                                    |
| Analysis #:              | 033854                                                                               |
| Source:                  | Recombinant                                                                          |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, High performance, 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:                | 033854                                                                               |

| Parameter                  | Limit Value              | Result                   |
|----------------------------|--------------------------|--------------------------|
| Molecular Weight           | 95-110(kD)               | 108.40000 kD             |
| Purity(SDS-PAGE)           | 95-100(%)                | 100.00000 %              |
| Activity(ED50)             | 100-400(ng/ml)           | 265.00000 ng/ml          |
| Appearance(rp151382)       | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance