

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-03-18 14:57:37                                                                   |
| Date of Next Testing:    | 2027-03-18 14:57:37                                                                   |
| Product Name:            | Recombinant Mouse Semaphorin 3F Protein                                               |
| Lot #:                   | ZJ26F0333119                                                                          |
| SKU #:                   | rp163880                                                                              |
| Version:                 | 1                                                                                     |
| Analysis #:              | 032846                                                                                |
| Source:                  | Recombinant                                                                           |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, High performance, ActiBioPure™, ≥90% (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:                | 032846                                                                                |

| Parameter                  | Limit Value              | Result                   |
|----------------------------|--------------------------|--------------------------|
| Molecular Weight (R)       | 104-128(kD)              | 122.55658 kD             |
| Molecular Weight (NR)      | 208-256(kD)              | 256.00000 kD             |
| Purity(SDS-PAGE)           | 90-100(%)                | 95.00000 %               |
| Activity(ED50)             | 40-120(ng/ml)            | 98.00000 ng/ml           |
| Appearance(rp163880)       | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance