

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| Date of Testing:         | 2026-05-20 13:25:10                                                 |
| Date of Next Testing:    | 2027-05-20 13:25:10                                                 |
| Product Name:            | Recombinant Human Trappin-2/Elafin Protein                          |
| Lot #:                   | ZJ25F0723678                                                        |
| SKU #:                   | rp145512                                                            |
| Version:                 | 1                                                                   |
| Analysis #:              | 035049                                                              |
| Source:                  | Recombinant                                                         |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, 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 freeze-thaw cycles                   |
| Analysis:                | 035049                                                              |

| Parameter                  | Limit Value              | Result                   |
|----------------------------|--------------------------|--------------------------|
| Molecular Weight of Band 1 | 10.4-15.6(kD)            | 13.50000 kD              |
| Molecular Weight of Band 2 | 12.8-19.2(kD)            | 15.60000 kD              |
| Purity(SDS-PAGE)           | 95-100(%)                | 100.00000 %              |
| Appearance(rp145512)       | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg | Conform                  | Conform                  |
| Activity(IC50) <50 nM      | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance