

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-08-08 14:27:02                                                                                                                                                                                                                                                                                                       |
| Date of Next Testing:    | 2027-08-08 14:27:02                                                                                                                                                                                                                                                                                                       |
| Product Name:            | Recombinant Human ACTA2 Protein                                                                                                                                                                                                                                                                                           |
| Lot #:                   | ZJ24F0404531                                                                                                                                                                                                                                                                                                              |
| SKU #:                   | rp156637                                                                                                                                                                                                                                                                                                                  |
| Version:                 | 1                                                                                                                                                                                                                                                                                                                         |
| Analysis #:              | 040845                                                                                                                                                                                                                                                                                                                    |
| Source:                  | Recombinant                                                                                                                                                                                                                                                                                                               |
| Specifications & Purity: | Carrier Free, Azide Free, ≥90%(SDS-PAGE)                                                                                                                                                                                                                                                                                  |
| Concentration:           | 0.6mg/mL                                                                                                                                                                                                                                                                                                                  |
| Formulation:             | Lyophilized                                                                                                                                                                                                                                                                                                               |
| Reconstitution:          | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.<br>Reconstitute at 0.5 mg/mL in sterile distilled water. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. |
| Storage Conditions:      | Store at -20°C, Avoid repeated freeze-thaw cycles                                                                                                                                                                                                                                                                         |
| Analysis:                | 040845                                                                                                                                                                                                                                                                                                                    |

| Parameter            | Limit Value               | Result                    |
|----------------------|---------------------------|---------------------------|
| Molecular Weight     | 38.9-47.5(kD)             | 44.01000 kD               |
| Purity(SDS-PAGE)     | 90-100(%)                 | 100.00000 %               |
| Appearance(rp156637) | White to off-white powder | White to off-white powder |



Sophia Cheng  
Quality Assurance