

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2025-04-24 14:07:06                                                                                                                                                                                                                                                                                                       |
| Date of Next Testing:    | 2026-04-24 14:07:06                                                                                                                                                                                                                                                                                                       |
| Product Name:            | Recombinant Human 5T4/TPBG Protein                                                                                                                                                                                                                                                                                        |
| Lot #:                   | ZJ24F0708008                                                                                                                                                                                                                                                                                                              |
| SKU #:                   | rp183650                                                                                                                                                                                                                                                                                                                  |
| Version:                 | 1                                                                                                                                                                                                                                                                                                                         |
| Analysis #:              | 016659                                                                                                                                                                                                                                                                                                                    |
| Source:                  | Recombinant                                                                                                                                                                                                                                                                                                               |
| Specifications & Purity: | Animal Free, Carrier Free, ≥95%(SDS-PAGE)                                                                                                                                                                                                                                                                                 |
| Concentration:           | 1.0mg/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 1.0 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 freezing and thawing                                                                                                                                                                                                                                                                       |
| Analysis:                | 016659                                                                                                                                                                                                                                                                                                                    |

| Parameter                | Limit Value               | Result                    |
|--------------------------|---------------------------|---------------------------|
| Molecular Weight         | 43.1-73.5(kD)             | 58.00000 kD               |
| Purity(SDS-PAGE)         | 95-100(%)                 | 98.00000 %                |
| Appearance(rp183650)     | White to off-white powder | White to off-white powder |
| Endotoxin Level <1 EU/μg | Conform                   | Conform                   |



Sophia Cheng  
Quality Assurance