

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

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|--------------------------|--|
| Date of Testing: | 2023-07-03 10:11:04 |
| Date of Next Testing: | 2024-07-02 10:11:04 |
| Product Name: | Recombinant Human Serpin F1/PEDF Protein |
| Lot #: | ZJ23F0600476 |
| SKU #: | rp150051 |
| Version: | 1 |
| Analysis #: | 000475 |
| Source: | Recombinant |
| Specifications & Purity: | Animal Free, > 97%(SDS-PAGE, HPLC), Active, E.coli, No tag, 20-418 aa |
| Concentration: | |
| Formulation: | Lyophilized |
| Reconstitution: | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. 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: | 000475 |

| Parameter | Limit Value | Result |
|--------------------------|--------------------------|--------------------------|
| Purity(SDS-PAGE) | 97-100(%) | 97.82000 % |
| Activity(ED50) | 0-2(ng/ml) | 1.87600 ng/ml |
| Molecular Weight | 39.6-48.8(kD) | 44.40000 kD |
| Appearance(rp150051) | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <1 EU/μg | Conform | Conform |



Sophia Cheng
Quality Assurance