

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-03-16 09:04:40
Date of Next Testing:	2027-03-16 09:04:40
Product Name:	Recombinant Human Serpin A1/alpha-1-Antitrypsin Protein
Lot #:	ZJ24F0809706
SKU #:	rp176707
Version:	1
Analysis #:	032180
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, PBS Only, ≥95% (SDS-PAGE)
Concentration:	1.08 mg/mL
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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:	032180

Parameter	Limit Value	Result
Molecular Weight	50.9-62.2(kD)	54.00000 kD
Purity(SDS-PAGE)	95-100(%)	100.00000 %
Appearance(rp176707)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance