

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-08-08 13:29:44
Date of Next Testing:	2027-08-08 13:29:44
Product Name:	Recombinant Human TSC-1 Protein
Lot #:	ZJ23F0700636
SKU #:	rp152763
Version:	2
Analysis #:	040817
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, PBS Only, ≥97%(SDS-PAGE&HPLC)
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 freeze-thaw cycles
Analysis:	040817

Parameter	Limit Value	Result
Molecular Weight	6.7-10.1(kD)	8.56000 kD
Purity(SDS-PAGE)	97-100(%)	97.36000 %
Appearance(rp152763)	White lyophilized powder	White lyophilized powder
Endotoxin Level <1 EU/μg	Conform	Conform
Activity(ED50: 0.5-2.0μg/mL)	Conform	Conform



Sophia Cheng
Quality Assurance