

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-02-10 14:36:46
Date of Next Testing:	2027-02-10 14:36:46
Product Name:	Recombinant Human Isocitrate Dehydrogenase 1/IDH1 Protein
Lot #:	ZJ25F0420339
SKU #:	rp179799
Version:	1
Analysis #:	030595
Source:	Recombinant
Specifications & Purity:	Carrier Free, Bioactive, ActiBioPure™, ≥95%(SDS-PAGE), See COA
Concentration:	1.1mg/mL
Formulation:	Liquid
Reconstitution:	Reconstitute in deionized water to the final concentration 0.5 mg/ml and incubate the reconstituted protein at 25 °C for 15 minutes.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	030595

Parameter	Limit Value	Result
Molecular Weight	39.8-48.6(kD)	44.00000 kD
Purity(SDS-PAGE)	95-100(%)	95.00000 %
Appearance(rp179799)	Colourless liquid	Colourless liquid
Endotoxin Level <1 EU/μg	Conform	Conform
IDH1 Ab binding	Conform	Conform
Specific Activity > 10,000 pmol/min/μg	Conform	Conform



Sophia Cheng
Quality Assurance