

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-01-20 16:29:51
Date of Next Testing:	2027-01-20 16:29:51
Product Name:	Recombinant Human TROP-2 Protein
Lot #:	ZJ24F0505933
SKU #:	rp176296
Version:	1
Analysis #:	029408
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, High performance, $\geq 95\%$ (SDS-PAGE)
Concentration:	1.1mg/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 $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.
Storage Conditions:	Store at -20°C , Avoid repeated freezing and thawing
Analysis:	029408

Parameter	Limit Value	Result
Molecular Weight	34.7-54.9(kD)	43.60000 kD
Purity(SDS-PAGE)	95-100(%)	98.00000 %
Activity(ED50)	0-1($\mu\text{g}/\text{ml}$)	0.72000 $\mu\text{g}/\text{ml}$
Appearance(rp176296)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/ μg	Conform	Conform



Sophia Cheng
Quality Assurance