

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-09-30 09:06:27
Date of Next Testing:	2025-09-30 09:06:27
Product Name:	Recombinant Human TRAIL Protein
Lot #:	ZJ23F1201953
SKU #:	rp169692
Version:	2
Analysis #:	009321
Source:	Recombinant
Specifications & Purity:	Carrier Free, >90% (SDS-PAGE), Active, E.coli, His tag, 114-281aa
Concentration:	
Formulation:	Transparent gelatinous
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 $-20^{\circ}\text{C}$ , Avoid repeated freezing and thawing
Analysis:	009321

Parameter	Limit Value	Result
Molecular Weight of Band 1	16.8-20.6(kD)	18.70000 kD
Molecular Weight of Band 2	36.0-44.0(kD)	44.00000 kD
Purity(SDS-PAGE)	90-100(%)	92.00000 %
Activity(ED50)	0-20(ng/ml)	13.00000 ng/ml
Appearance(rp169692)	Transparent gelatinous	Transparent gelatinous
Endotoxin Level <1 EU/ $\mu\text{g}$	Conform	Conform



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 Sophia Cheng  
 Quality Assurance