

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-04-25 13:08:10
Date of Next Testing:	2025-04-25 13:08:10
Product Name:	Recombinant Rat TNF-alpha Protein
SKU #:	rp155241
Lot #:	ZJ23F0600507
Source:	Recombinant
Specifications & Purity:	Animal Free, >95% (SDS-PAGE), Active, 293F, His tag, 80-235 aa
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is recommended to reconstitute to a concentration of 0.1-1mg/mL. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	004435

Parameter	Limit Value	Result
Molecular Weight	14.4-21.6(kD)	16.90000 kD
Purity(SDS-PAGE)	95-100(%)	100.00000 %
Activity(EC50)	0-5(pg/ml)	3.00000 pg/ml
Appearance(rp155241)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.1 EU/µg	Conform	Conform



Sophia Cheng  
Quality Assurance