

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-07-10 15:42:17
Date of Next Testing:	2027-07-10 15:42:17
Product Name:	Recombinant Rat TNF-alpha Protein
Lot #:	ZJ24F1215543
SKU #:	rp155241
Version:	2
Analysis #:	038412
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, ≥95%(SDS-PAGE)
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 freeze-thaw cycles
Analysis:	038412

Parameter	Limit Value	Result
Molecular Weight	14.4-21.6(kD)	15.00000 kD
Purity(SDS-PAGE)	95-100(%)	100.00000 %
Activity(EC50)	0-5(pg/ml)	0.98000 pg/ml
Appearance(rp155241)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.1 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance