

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-05-29 13:22:09
Date of Next Testing:	2027-05-29 13:22:09
Product Name:	Recombinant Human TNF- α Protein
Lot #:	ZJ26F0535770
SKU #:	rp156007
Version:	1
Analysis #:	036604
Source:	Recombinant
Specifications & Purity:	Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, PBS Only, $\geq 95\%$ (SDS-PAGE)
Concentration:	
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute at 0.5 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 freeze-thaw cycles
Analysis:	036604

Parameter	Limit Value	Result
Molecular Weight	15.8-19.4(kD)	19.00000 kD
Purity(SDS-PAGE)	95-100(%)	95.10000 %
Activity(ED50)	20-100(pg/ml)	95.74000 pg/ml
Appearance(rp156007)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/ μg	Conform	Conform



Sophia Cheng
Quality Assurance