

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-02-10 16:43:15
Date of Next Testing:	2027-02-10 16:43:15
Product Name:	Recombinant Human LIF Protein
Lot #:	ZJ25F0420653
SKU #:	rp156170
Version:	1
Analysis #:	030672
Source:	Recombinant
Specifications & Purity:	Carrier Free, Bioactive, High performance, ActiBioPure™, ≥95% (SDS-PAGE), See COA
Concentration:	
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 ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	030672

Parameter	Limit Value	Result
Molecular Weight (R)	19.4-23.7(kD)	22.00000 kD
Molecular Weight of Band 1 (NR)	18.2-22.2(kD)	22.00000 kD
Molecular Weight of Band 2 (NR)	34.0-41.6(kD)	40.00000 kD
Purity(SDS-PAGE)	95-100(%)	100.00000 %
Activity(ED50)	0-1(ng/ml)	0.40000 ng/ml
Appearance(rp156170)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance