

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-07-12 18:19:43
Date of Next Testing:	2027-07-12 18:19:43
Product Name:	Recombinant Human Midkine Protein
Lot #:	ZJ25F0927224
SKU #:	rp179849
Version:	1
Analysis #:	038217
Source:	Recombinant
Specifications & Purity:	Carrier Free, Bioactive, High performance, ActiBioPure™, PBS Only, ≥90% (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 0.1 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. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute at 0.1 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 freeze-thaw cycles
Analysis:	038217

Parameter	Limit Value	Result
Molecular Weight	13.4-20.2(kD)	18.00000 kD
Purity(SDS-PAGE)	90-100(%)	93.00000 %
Appearance(rp179849)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/μg	Conform	Conform
Activity(Chemotaxis Bioassay)	Conform	Conform



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A handwritten signature in black ink that reads "Sophia Cheng".

Sophia Cheng
Quality Assurance