

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-28 12:35:05
 Date of Next Testing: 2027-01-28 12:35:05

 Product Name: Recombinant Human CCL4/MIP-1 beta Protein
 Lot #: ZJ26F0131602
 SKU #: rp170426
 Version: 1
 Analysis #: 030258
 Source: Recombinant
 Specifications & Purity: Carrier Free, Bioactive, High performance, ActiBioPure™, ≥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 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: 030258

Parameter	Limit Value	Result
Molecular Weight	11.3-16.9(kD)	11.30000 kD
Purity(SDS-PAGE)	90-100(%)	100.00000 %
Appearance(rp170426)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/μg	Conform	Conform
Activity(Chemotaxis Bioassay)	Conform	Conform



Sophia Cheng
 Quality Assurance