

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

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|--------------------------|---|
| Date of Testing: | 2024-04-25 09:07:53 |
| Date of Next Testing: | 2025-04-25 09:07:53 |
| Product Name: | Recombinant Human CD83 Protein |
| SKU #: | rp144137 |
| Lot #: | ZJ23F0700592 |
| Source: | Recombinant |
| Specifications & Purity: | Animal Free, >90%(SDS-PAGE), Active, 293F, His tag, 20-143 aa |
| 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 freezing and thawing |
| Analysis: | 004412 |

| Parameter | Limit Value | Result |
|---------------------------------------|--------------------------|--------------------------|
| Molecular Weight | 16.2-27.5(kD) | 22.00000 kD |
| Purity(SDS-PAGE) | 90-100(%) | 92.00000 % |
| Activity of Supporting Cells Adhesion | 50-75(%) | 55.00000 % |
| Appearance(rp144137) | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg | Conform | Conform |



Sophia Cheng
Quality Assurance