

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|--|
| Date of Testing: | 2026-04-17 14:38:11 |
| Date of Next Testing: | 2027-04-17 14:38:11 |
| Product Name: | Recombinant Human 4-1BB Ligand/TNFSF9 Protein |
| Lot #: | ZJ24F0809686 |
| SKU #: | rp169691 |
| Version: | 1 |
| Analysis #: | 034311 |
| Source: | Recombinant |
| Specifications & Purity: | Carrier Free, Bioactive |
| 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 $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions. |
| Storage Conditions: | Store at -20°C , Avoid repeated freezing and thawing |
| Analysis: | 034311 |

| Parameter | Limit Value | Result |
|--------------------------------------|---------------------------|---------------------------|
| Molecular Weight | 18.5-22.7(kD) | 20.80000 kD |
| Purity(SDS-PAGE) | 95-100(%) | 96.00000 % |
| Appearance(rp169691) | White to off-white powder | White to off-white powder |
| Endotoxin Level <1 EU/ μg | Conform | Conform |
| 4-1BB Ligand/TNFSF9 binding | Conform | Conform |



 Sophia Cheng
 Quality Assurance