

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-06-17 13:46:47
Date of Next Testing:	2024-06-16 13:46:47
Product Name:	Recombinant Human 4-1BB Ligand Protein
Lot #:	ZJ23F0600355
SKU #:	rp142386
Version:	2
Analysis #:	000424
Source:	Recombinant
Specifications & Purity:	Animal Free, >95%(SDS-PAGE, HPLC), Active, E.coli, No tag, 71-254 aa
Concentration:	
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. 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:	000424

Parameter	Limit Value	Result
Molecular Weight	15.5-23.3(kD)	19.40000 kD
Purity(SDS-PAGE)	95-100(%)	98.67000 %
Activity(ED50)	0-10(ng/ml)	5.95200 ng/ml
Appearance(rp142386)	White lyophilized powder	White lyophilized powder
Endotoxin Level <1 EU/μg	Conform	Conform



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 Sophia Cheng  
 Quality Assurance