

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-20 11:15:20  
 Date of Next Testing: 2026-11-19 11:15:20

Product Name: Recombinant Mouse FGF-21 Protein  
 SKU #: rp153970  
 Lot #: ZJ23F1101656

Source: Recombinant  
 Specifications & Purity: Animal Free, >96%(SDS-PAGE, HPLC), Active, E.coli, No tag, 29-210 aa

Concentration:  
 Formulation: Lyophilized  
 Reconstitution: This vial must be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in a sterile aqueous buffer to an appropriate concentration. 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  $-20^{\circ}\text{C}$ , Avoid repeated freezing and thawing  
 Analysis: 001762

Parameter	Limit Value	Result
Molecular Weight	17.9-21.9(kD)	21.90000 kD
Purity(SDS-PAGE)	96-100(%)	96.10000 %
Activity(ED50)	0-0.5( $\mu\text{g}/\text{ml}$ )	0.25000 $\mu\text{g}/\text{ml}$
Appearance(rp153970)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.1 EU/ $\mu\text{g}$	Conform	Conform



Sophia Cheng  
Quality Assurance