

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-04-23 16:11:32
Date of Next Testing:	2027-04-23 16:11:32
Product Name:	Recombinant Human KLF4 Protein
Lot #:	ZJ26F0434610
SKU #:	rp183758
Version:	1
Analysis #:	032707
Source:	Recombinant
Specifications & Purity:	ActiBioPure™, Carrier Free, Bioactive, ≥90%(SDS-PAGE), expressed in E. coli; See COA
Concentration:	1.73 mg/mL
Formulation:	Liquid
Reconstitution:	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer (e.g. PBS) containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C. The lyophilized protein is stable for 1 month at RT and for 6 months at 4°C. The reconstituted protein (diluted as CoA) is stable for 1 week at 4°C and for 3 months at -20°C to -80°.
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	032707

Parameter	Limit Value	Result
Molecular Weight	40.5-49.5(kD)	45.00000 kD
Purity(SDS-PAGE)	90-100(%)	98.00000 %
Appearance(rp183758)	Colourless liquid	Colourless liquid
Endotoxin Level <1 EU/μg	Conform	Conform
KLF4 Ab binding	Conform	Conform



Sophia Cheng
Quality Assurance