

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-05-20 13:25:10
Date of Next Testing:	2027-05-20 13:25:10
Product Name:	Recombinant Human Trappin-2/Elafin Protein
Lot #:	ZJ25F0723680
SKU #:	rp145512
Version:	1
Analysis #:	035049
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, ActiBioPure™, ≥95% (SDS-PAGE)
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Reconstitute in sterile water to a concentration of 0.1-0.5 mg/ml.
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	035049

Parameter	Limit Value	Result
Molecular Weight of Band 1	10.4-15.6(kD)	13.50000 kD
Molecular Weight of Band 2	12.8-19.2(kD)	15.60000 kD
Purity(SDS-PAGE)	95-100(%)	100.00000 %
Appearance(rp145512)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.1 EU/μg	Conform	Conform
Activity(IC50) <50 nM	Conform	Conform



Sophia Cheng
Quality Assurance