

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-09-02 16:56:21                                                                   |
| Date of Next Testing:    | 2027-09-02 16:56:21                                                                   |
| Product Name:            | Recombinant Human Hip Protein                                                         |
| Lot #:                   | ZJ25F0217476                                                                          |
| SKU #:                   | rp167147                                                                              |
| Version:                 | 1                                                                                     |
| Analysis #:              | 042081                                                                                |
| Source:                  | Recombinant                                                                           |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, High performance, 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:                | 042081                                                                                |

| Parameter                  | Limit Value              | Result                   |
|----------------------------|--------------------------|--------------------------|
| Molecular Weight           | 77-89(kD)                | 80.00000 kD              |
| Purity(SDS-PAGE)           | 95-100(%)                | 98.00000 %               |
| Activity(ED50)             | 0.1-0.6(µg/ml)           | 0.25000 µg/ml            |
| Appearance(rp167147)       | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/µg | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance