

Shanghai Aladdin Biochemical Technology Co., LTD

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## Certificate of Analysis

|                          |                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2023-06-25 13:50:45                                                                                                                                                                                                                                                                                                                                                                                    |
| Date of Next Testing:    | 2024-06-24 13:50:45                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Name:            | Recombinant Mouse CXCL1/KC Protein                                                                                                                                                                                                                                                                                                                                                                     |
| Lot #:                   | ZJ23F0600383                                                                                                                                                                                                                                                                                                                                                                                           |
| SKU #:                   | rp168795                                                                                                                                                                                                                                                                                                                                                                                               |
| Version:                 | 4                                                                                                                                                                                                                                                                                                                                                                                                      |
| Analysis #:              | 000471                                                                                                                                                                                                                                                                                                                                                                                                 |
| Source:                  | Recombinant                                                                                                                                                                                                                                                                                                                                                                                            |
| Specifications & Purity: | Animal Free, >97%(SDS-PAGE and HPLC), Active, E.coli,<br>No tag, 25-96 aa                                                                                                                                                                                                                                                                                                                              |
| Concentration:           |                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formulation:             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                            |
| Reconstitution:          | We recommend that this vial be briefly centrifuged prior<br>to opening to bring the contents to the bottom.<br>Reconstitute in sterile distilled water or aqueous buffer<br>containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL.<br>Stock solutions should be apportioned into working<br>aliquots and stored at ≤ -20 °C. Further dilutions should<br>be made in appropriate buffered solutions. |
| Storage Conditions:      | Store at -20°C, Avoid repeated freezing and thawing                                                                                                                                                                                                                                                                                                                                                    |
| Analysis:                | 000471                                                                                                                                                                                                                                                                                                                                                                                                 |

| Parameter                    | Limit Value              | Result                   |
|------------------------------|--------------------------|--------------------------|
| Molecular Weight             | 7.0-8.6(kD)              | 7.80000 kD               |
| Purity(SDS-PAGE)             | 97-100(%)                | 98.37000 %               |
| Appearance(rp168795)         | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <1 EU/μg     | Conform                  | Conform                  |
| Activity (ED50: 10-100ng/mL) | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance