

ALADDIN SCIENTIFIC CORPORATION

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## Specification Sheet

|                          |                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:            | Recombinant Human IL-4 Protein                                                                                                                                                                                                                                                                                            |
| SKU #:                   | rp186552                                                                                                                                                                                                                                                                                                                  |
| Version:                 | 1                                                                                                                                                                                                                                                                                                                         |
| Source:                  | Recombinant                                                                                                                                                                                                                                                                                                               |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, High performance, ActiBioPure™, PBS Only, ≥90% (SDS-PAGE), See COA                                                                                                                                                                                                                  |
| Concentration:           | See COA                                                                                                                                                                                                                                                                                                                   |
| Formulation:             | Lyophilized                                                                                                                                                                                                                                                                                                               |
| Reconstitution:          | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.<br>Reconstitute at 0.5 mg/mL in sterile distilled water. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. |
| Storage Conditions:      | Store at -20°C, Avoid repeated freezing and thawing                                                                                                                                                                                                                                                                       |

| Parameter                | Limit Values              |
|--------------------------|---------------------------|
| Appearance(rp186552)     | White to off-white powder |
| Molecular Weight         | 14.0-22.9(kD)             |
| Purity(SDS-PAGE)         | 90-100(%)                 |
| Endotoxin Level <1 EU/μg | Conform                   |
| Activity(ED50)           | 0-2(ng/ml)                |