

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

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|--------------------------|--|
| Product Name: | Recombinant Human IGF-I/IGF-1 Protein |
| SKU #: | rp156332 |
| Version: | 1 |
| Source: | Recombinant |
| Specifications & Purity: | 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. Reconstitute at 0.1 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(rp156332) | White to off-white powder |
| Molecular Weight of Band 1 | 8.2-12.2(kD) |
| Molecular Weight of Band 2 | 11.0-16.6(kD) |
| Purity(SDS-PAGE) | 90-100(%) |
| Endotoxin Level <1 EU/μg | Conform |
| Activity(ED50) | 0-40(ng/ml) |