

ALADDIN SCIENTIFIC CORPORATION

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Specification Sheet

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name: | Recombinant Human PLGF Protein |
| SKU #: | rp150316 |
| Version: | 2 |
| Source: | Recombinant |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, ≥97%(SDS-PAGE&HPLC) |
| Concentration: | |
| Formulation: | Lyophilized |
| Reconstitution: | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. 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(rp150316) | White lyophilized powder |
| Molecular Weight | 31.1-38.0(kD) |
| Purity(SDS-PAGE) | 97-100(%) |
| Endotoxin Level <0.1 EU/μg | Conform |
| Activity (ED50: 5.0-50ng/mL) | Conform |