

Recombinant Human Platelet-derived Growth Factor-CC

#R00144

Size: 10 µg/100 µg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

Val235-Gly345, with an N-terminal Met and 6-His tag; Accession #NP_057289

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 4 mM HCl to a concentration of 0.1 mg/mL. Further dilutions should be made in appropriately buffered solutions.

Product Specification

Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 27 kDa, a disulfide-linked homodimer of two 117 amino acid, C-terminal polyhistidine tagged proteins.
Purity	> 97 % by SDS-PAGE analyses.
Biological Activity	Measured in a cell proliferation assay using NR6R- 3T3 mouse fibroblast cells. The ED ₅₀ for this effect is 70-350 ng/mL.
Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder.
Formulation	Lyophilized from 0.2 µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Endotoxin	Less than 0.1 EU/µg of rHuPDGF-CC as determined by

LAL method.