

Recombinant Rat Platelet-derived Growth Factor-AA

#R00332

Size: 10 µg/100 µg/500 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

MSIEEAIPAVCKTRTVIYEIPRSQVDPTSANFLIWPPCV
EVKRCTGCCNTSSVKCQPSRVHHRSVKVAKVEYVR
KKPKLKEVQVRLEEHLACACATSNLNPDHREEETDV
R

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 4mM HCl 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.

Product Specification

Accession	P28576
GeneID	25266
Species	Rat
Source	Escherichia coli.
Molecular Weight	Approximately 25.3 kDa, a disulfide-linked homodimeric protein containing two 111 amino acid residues polypeptide (A chain).
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 5.0 ng/ml, corresponding to a specific activity of > 2.0 × 10 ⁵

Physical Appearance Formulation	IU/mg. Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Endotoxin	Less than 0.1 EU/µg of rRtPDGF-AA as determined by LAL method.