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## Recombinant Human PDGF-AA

**Product Number: CK07001H**

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### Characteristics:

**Source:** CHO

**Description:** Human PDGF-AA (Ser87-Thr211)

**Accession #** P04085

**Predicted molecular mass:** 14.3 kDa (monomer)

### Specification:

**Appearance:** White powder, Colorless clear liquid after reconstitution

**Purity:**  $\geq 95\%$ , by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

**Endotoxin:**  $\leq 10$  EU/mg by the LAL method

**Activity:** The activity is determined by the dose-dependent proliferation of NIH3T3 cells, typically between  $\leq 5.0$  ng/mL.

**Formulation:** Lyophilized from a  $0.2 \mu\text{m}$  filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

**Size:** 50  $\mu\text{g}$ /vial, 1 mg/vial

### Handling and Storage:

**Reconstitution:** It is recommended to redissolve in sterile deionized water.

**Shipping:** The product is shipped with blue ice.

**Storage & Stability:** 36 months at  $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  in lyophilized state; 6 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  under sterile conditions after reconstitution; 7-10 days at  $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  under sterile conditions after reconstitution. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.