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Recombinant Human PDGF-BB

Product Number: CK03401

Characteristics:

Source: Pichia pastoris

Description: Human PDGF-BB (Ser82-Thr190)

Accession #: P01127

Predicted molecular mass: 12.2 kDa (monomer)

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

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

Endotoxin: ≤10 EU/mg by the LAL method

Activity: Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED50 for this effect is ≤5 ng/mL.

Formulation: Lyophilized from a 0.22 µm-filtered solution containing 100 mM Citrate-sodium citrate, 5% Mannitol, 0.1% Trehalose, pH 6.5

Size: 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 -20°C to -80°C in lyophilized state
- 6 months at -20°C to -80°C under sterile conditions after reconstitution
- 7-10 days at 2°C to 8°C under sterile conditions after reconstitution

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