

# Recombinant Human PDGF-BB

**Catalog Number: C1070**

## Characteristics:

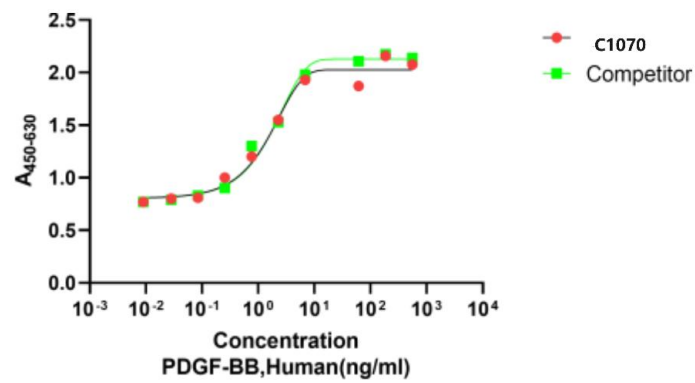
<b>Source</b>	Pichia pastoris
<b>Description</b>	Human PDGF-BB (Ser82-Thr190) Accession # P01127
<b>Predicted molecular mass</b>	12.2kDa(monomer)

## Specification:

<b>Appearance</b>	White powder, Colorless clear liquid after reconstitution
<b>Purity</b>	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	≤10 EU/mg by the LAL method
<b>Activity</b>	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED <sub>50</sub> for this effect is ≈5 ng/mL.
<b>Formulation</b>	Lyophilized from a 0.22 μm-filtered solution containing 100mM Citrate-sodium citrate, 5% Mannitol 0.1% Trehalose pH 6.5
<b>Size</b>	1 mg/vial

## Handling and Storage:

<b>Reconstitution</b>	It is recommended to redissolve in sterile deionized water.
<b>Shipping</b>	The product is shipped with blue ice.
<b>Storage &amp; Stability</b>	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 <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b>

**Data:****Bioactivity**

Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED<sub>50</sub> for this effect is  $\leq 5$  ng/mL. The activity of C1070 is equivalent to the other competing product.