

Recombinant human PDGF-AA protein (Active, CHO)

Catalog Number: bs-48070P

Species: Human

AA Seq: 87-211/211

Predicted MW: 14.3(monomer)

Tags: Tag free

Activity: Yes

Endotoxin: ≤ 10 EU/mg

Purity: $\geq 95\%$ as determined by SDS-PAGE.

Purification: AC

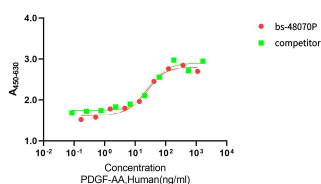
Form: Lyophilized

Storage: Lyophilized from a 0.22 μ m filtered solution containing PBS, 5% Mannitol and 0.01% Tween 80, pH7.4

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

Background: This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit A, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit B. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

VALIDATION IMAGES



Measured by the dose-dependent proliferation of NIH3T3 cells is typically between ≤ 5.0 ng/mL.