

# PDGF-BB

Catalog # PVGS1700

## Product Information

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<b>Primary Accession Species</b>	<a href="#">A0A287ADF0</a> Porcine
<b>Sequence</b>	Arg81-Ala185
<b>Purity</b>	≥ 95% as analyzed by SDS-PAGE
<b>Endotoxin Level</b>	
<b>Expression System</b>	P. pastoris
<b>Theoretical Molecular Weight</b>	11.9 kDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution in 20 mM NaAc, pH 5.0
<b>Reconstitution</b>	Before opening, centrifuge the vial briefly to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O up to 100 μg/ml
<b>Storage &amp; Stability</b>	Upon receiving, this product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable up to 1 week at 4 °C or up to 3 months at -20 °C or below. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Target Background</b>	Platelet-derived growth factor (PDGF) presenting in serum but absent from plasma was first discovered in an animal study by Lynch and co-workers in the late 1980s. It is a disulfide-linked dimer consisting of two peptides-chain A and chain B. PDGF has three subforms: PDGF-AA, PDGF-BB, and PDGF-AB. It is involved in many biological processes, including hyperplasia, embryonic neuron development, chemotaxis, and respiratory tubule epithelial cell development. The function of PDGF is mediated by two receptors (PDGFR-α and PDGFR-β).
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## Protein Information

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.