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PDGF-BB

Catalog # PVGS1700

Product Information

Primary Accession	A0A287ADF0
Species	Porcine
Sequence	Arg81-Ala185
Purity	≥ 95% as analyzed by SDS-PAGE
Endotoxin Level	
Expression System	P. pastoris
Theoretical Molecular Weight	11.9 kDa
Formulation	Lyophilized from a 0.2 μm filtered solution in 20 mM NaAc, pH 5.0
Reconstitution	Before opening, centrifuge the vial briefly to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH_2O up to 100 μg/ml
Storage & Stability	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

Target Background	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).

Protein Information

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