

PDGFA

Recombinant Human Platelet-Derived Growth Factor A

Catalog No.	CRP136A	Quantity:	5 µg
	CRP136B		20 µg
	CRP136C		1.0 mg

Alternate Names: Glioma-derived growth factor, GDGF, Osteosarcoma-derived Growth Factor, ODGF, PDGF-A, PDGF-1.

Description: Platelet-Derived Growth Factor A Human Recombinant short chain is a non-glycosylated, polypeptide chain containing a 110 amino acid fragment (87-196) and having with an amino-terminal hexahistidine tag.

The term 'PDGF' refers to a family of disulphide bond-linked dimeric isoforms that act as autocrine and paracrine growth factors and are produced by a variety of cell types other than platelets. They act as potent mitogens for almost all mesenchymally-derived cells. Aberrant expression is involved in certain cancers, fibroproliferative disorders and atherosclerosis. The protein also contributes to wound healing and neural regeneration. There are four members of the PDGF family: PDGF A, PDGF B, PDGF C and PDGF D. Two distinct types of PDGF-A exist, a short form that is soluble and a long form that is retained by the extracellular matrix.

Physical Appearance: Sterile Filtered clear solution.

Gene ID: 5154

Source: *E. coli*

Formulation: Platelet-derived Growth Factor A is supplied in PBS + 50% glycerol.

Purity: Greater than 95.0% as determined by RP-HPLC and SDS-PAGE analyses.

Purification: PDGF-A is purified by proprietary chromatographic techniques

Storage & Stability: Store at 2-4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

