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32-1655: PDGF A Recombinant Protein

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

Description

Source : Escherichia Coli. Platelet-Derived Growth Factor A Human Recombinant short chain produced in E.Coli is a non-glycosylated, polypeptide chain containing 110 amino acids fragment (87-196) and having a total Mw of 17.02kDa, with an amino-terminal hexahistidine tag. PDGF-A is purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	Platelet-derived Growth Factor A is supplied in 25mM Na-Acetate, pH-4.8, 1mM EDTA and 50% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.