



Human PDGFA peptide (DAG298)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant HumanPlatelet-Derived Growth Factor Alpha Polypeptide is a homodimeric,non-glycosylated, polypeptide chain containing 2 x 125 amino acids and havinga total molecular weight of 28,511 Da, was expressed in E. coli. The sequenceof the first five
Antigen Description	Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. Binding of this growth factorto its receptor elicits a variety of cellular responses. It is released byplatelets upon wounding and plays an important role in stimulating adjacentcells to grow and thereby heals the wound.
Species	Human
Conjugate	Unconjugated
Applications	The ED50as determined by the dose-dependent proliferation of murine BALB/c 3T3indicator cells (measured by 3H-thymidine uptake) is and It;1ng/ml,corresponding to a specific activity of 1 MIU/mg. Each laboratory shoulddetermine an optimum working titer for
Format	Purified, Lyophilized. Reconstitute using sterile deionized water to a concentration 100 μ g/ml.Further dilutions can be made in other aqueou buffers.
Concentration	Not applicable
Buffer	Not applicable
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. Binding of
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this growth factor to its receptor elicits a variety of cellular responses. It is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound.

Keywords	PDGFA; platelet-derived growth factor alpha polypeptide; PDGF1; PDGF-A; platelet-derived growth factor subunit A; PDGF-1; PDGF A-chain; PDGF subunit A; platelet-derived growth factor A chain; platelet-derived growth factor alpha chain; platelet-derived gr
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GENE INFORMATION

Entrez Gene ID [5154](#)

UniProt ID [P04085](#)