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Produktinformation

- Forschungsprodukte & Biochemikalien
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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PDGFA (Human) Recombinant Protein

Catalog Number: P9003

Regulation Status: For research use only (RUO)

Product Description: Human PDGFA (P04085) recombinant protein expressed in *Escherichia coli*.

Sequence:
SIEEAVPAVCKTRTVIYEIPRSQVDPTSANFLIWPPCVE
VKRCTGCCNTSSVKCQPSRVHHRSVKVAKVEYVRKK
PKLKEVQVRLEEHLECACATTSLNPDYREEDTGRPRE
SGKKRKRKRLKPT.

Host: Escherichia coli

Theoretical MW (kDa): 28.5

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 95% by SDS PAGE

Activity: The ED_{50}, calculated by the dose-dependent proliferation of murine 3T3 indicator cells is < 0.32 ng/mL, corresponding to a Specific Activity of $3,125x10^3$ units/mg.

Storage Buffer: Lyophilized without any additives.

Storage Instruction: Store, frozen at -20°C for longer periods of time.
For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid multiple freeze-thaw cycles.

Entrez GeneID: 5154

Gene Symbol: PDGFA

Gene Alias: PDGF-A, PDGF1

Gene Summary: The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. This gene product can exist either as a homodimer or as a heterodimer with the platelet-derived growth factor beta polypeptide, where the dimers are connected by disulfide bonds. Studies using knockout mice have shown cellular defects in oligodendrocytes, alveolar smooth muscle cells, and Leydig cells in the testis; knockout mice die either as embryos or shortly after birth. Two splice variants have been identified for this gene. [provided by RefSeq]