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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

PDGFA (Human) Recombinant Protein

Catalog Number: P9004

Regulation Status: For research use only (RUO)

Product Description: Human PDGFA (P04085) recombinant protein expressed in *Pichia pastoris*.

Host: Yeast

Theoretical MW (kDa): 34

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

Form: Lyophilized

Preparation Method: *Pichia pastoris* expression system

Purity: > 98% by SDS PAGE

Activity: The ED₅₀ was found to be 1 ng/mL corresponding to a Specific Activity of 1,000,000 IU/mg calculated by the ability to stimulate the proliferation of mouse 3T3 fibroblasts (PNAS 94, 10205, 1997. Biochemistry, 1996, 35, 12077).

Storage Buffer: Lyophilized from 20mM sodium phosphate buffer.

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]