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Produktinformation



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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

PDGFB (Human) Recombinant Protein

Catalog Number: P9009

Regulation Status: For research use only (RUO)

Product Description: Human PDGFB (P01127) recombinant protein expressed in *Escherichia coli*.

Sequence:

SLGSLTIAEPAMIAECKTRTEVFEISRRLIDRTNANFLV
WPPCVEVQRCSGCCNNRNVQCRPTQVQLRPVQVRKI
EIVRKKPIFKKATVTLEDHLACKCETVAAARPVT.

Host: *Escherichia coli*

Theoretical MW (kDa): 24.3

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 HPLC and SDS PAGE

Activity: Determined by the dose-dependent stimulation
of the proliferation of Balb/c 3T3 cells. The expected
ED₅₀ for this effect is 1.0-3.0 ng/mL.

Storage Buffer: Lyophilized from PBS, pH7.4.

Storage Instruction: Store at -20°C. Aliquot the product
after reconstitution to avoid repeated freezing/thawing
cycles.

Entrez GeneID: 5155

Gene Symbol: PDGFB

Gene Alias: FLJ12858, PDGF2, SIS, SSV, c-sis

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 (PDGF-BB) or as a heterodimer
with the platelet-derived growth factor alpha polypeptide
(PDGF-AB), where the dimers are connected by
disulfide bonds. Mutations in this gene are associated
with meningioma. Reciprocal translocations between
chromosomes 22 and 7, at sites where this gene and
that for COL1A1 are located, are associated with a
particular type of skin tumor called dermatofibrosarcoma
protuberans resulting from unregulated expression of
growth factor. Two alternatively spliced transcript
variants encoding different isoforms have been identified
for this gene. [provided by RefSeq]