



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PDGFRA (Human) Recombinant Protein

**Catalog Number:** P9017

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PDGFRA (P16234, 24 a.a. - 524 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in *Escherichia coli*.

**Sequence:**

MGSSHHHHHSSGLVPRGSHMQLSLPSILPNEKVV  
QLNSSFSLRCFGESEVSWQYPMSEEESSDVEIRNEEN  
NSGLFVTVLEVSSASAAHTGLYTCYYNHTQTEENELE  
GRHIYIYVDPDVAFAVPLGMDYLVIVEDDDSAIIPCRT  
TDPETVTLHNSEGVVPASYDSRQGFNGTFTVGPYIC  
EATVKGKKFQTIPFNVYALKATSELDLEMEALKTVYKS  
GETIVVTCAVFNNEVDLQWYTPGEVKGKGITMLEEIK  
VPSIKLVYTLVPEATVKDSGDYECARQATREVKEMK  
KVTISVHEKGFIEIKPTFSQLEAVNLHEVKHFVVEVRAY  
PPPRISWLKNNLTLIENLTEITTDVEKIQEIRYRSKCLKLIR  
AKEEDSGHYTIVAQNEDAVKSYTFELLTQVPSSILDV  
DDHHGSTGGQTVRCTAEGTLPDIEWMICKDIKKCNN  
ETSWTILANNVSNIIITEIHSRDRSTVEGRVTFKVEETIA  
VRCLAKNLLGAENRELKLVAPTLRSE.

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 58.4

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

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 85% by SDS PAGE

**Storage Buffer:** 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol.

**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:** 5156

**Gene Symbol:** PDGFRA

**Gene Alias:** CD140A, MGC74795, PDGFR2, Rhe-PDGFRA

**Gene Summary:** This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies in knockout mice, where homozygosity is lethal, indicate that the alpha form of the platelet-derived growth factor receptor is particularly important for kidney development since mice heterozygous for the receptor exhibit defective kidney phenotypes. [provided by RefSeq]