



# 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:** P10558

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

**Product Description:** Human PDGFRA partial recombinant protein with His tag at the C-terminus expressed in HEK293 cells.

**Sequence:**

MGTSHPAFLVLGCLLTGLSLILCQLSLPSILPNENEKVV  
QLNSSFSLRCFGESEVSWQYPMSEEESSDVEIRNEEN  
NSGLFVTLEVSSASAAHTGLYTCYYNHTQTEENELE  
GRHIYIYVPDPDVAFAVPLGMTDYLIVEDDDSAIIPCRT  
TDPETPVTLHNSEGVVPASYDSRQGFNGTFTVGPYIC  
EATVKGKKFQTIPFNVYALKATSELDLEMEALKTVYKS  
GETIVVTCAVFNNEVDLQWTYPGEVKGKGITMLEEIK  
VPSIKLVYTLTVPEATVKDSGDYECARQATREVKEMK  
KVTISVHEKGFIEIKPTFSQLEAVNLHEVKHVFVEVRAY  
PPPRISWLKNNLTLIENLTITDVEKIQEIRYRSKCLKIR  
AKEEDSGHYTIVAQNEDAVKSYTFELLTQVPSSILDLV  
DDHHGSTGGQTVRCTAEGTPLDIEWMICKDIKKCNN  
ETSWTILANNVSNIIETIHSRDRSTVEGRVTFKVEETIA  
VRCLAKNLLGAENRELKLVAPTLRSELTVA

**Host:** Human

**Theoretical MW (kDa):** 62

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

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (HEK293)  
expression system

**Purification:** Ni-NTA chromatography

**Purity:** > 85% as determined by SDS-PAGE.

**Endotoxin Level:** < 0.1 EU/ ug of protein by the LAL  
method.

**Recommend Usage:** SDS-PAGE  
The optimal working dilution should be determined by

the end user.

**Storage Buffer:** Lyophilized from a 0.2 um filtered  
solution of PBS, pH 7.4

**Storage Instruction:** Store at -20°C for 12 months in  
lyophilized state.

After reconstitution with deionized water, store at -20 or  
-80°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

**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]