



# 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

### PF4 (Human) Recombinant Protein

**Catalog Number:** P9558

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

**Product Description:** Human PF4 (P02776, 32 a.a. - 91 a.a.) partial recombinant protein expressed in *Escherichia coli*.

**Sequence:**

EAEEDGDLQCLCVKTTTSQVRPRHITSLEVIKAGPHCPT  
AQLIATLKNRGRKICLDLQAPLY

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 7.8

**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:** > 97.0% by SDS-PAGE

**Activity:** The Biological activity is 1.0 - 10 ng/mL, was  
determined by a chemotaxis bioassay using human  
fibroblasts.

**Recommend Usage:** Biological Activity  
SDS-PAGE

The optimal working dilution should be determined by  
the end user.

**Storage Buffer:** Lyophilized from sterile distilled Water  
is > 100 ug/mL

**Storage Instruction:** Store at 2°C to 8°C for 1 week.  
For long term storage, aliquot and store at -20°C to  
-80°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5196

**Gene Symbol:** PF4

**Gene Alias:** CXCL4, MGC138298, SCYB4

**Gene Summary:** Platelet factor-4 is a 70-amino acid  
protein that is released from the alpha-granules of  
activated platelets and binds with high affinity to heparin.  
Its major physiologic role appears to be neutralization of  
heparin-like molecules on the endothelial surface of  
blood vessels, thereby inhibiting local antithrombin III  
activity and promoting coagulation. As a strong  
chemoattractant for neutrophils and fibroblasts, PF4  
probably has a role in inflammation and wound repair  
(Eisman et al., 1990 [PubMed 1695112]).[supplied by  
OMIM]