



# 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

### PPBP (Human) Recombinant Protein

**Catalog Number:** P9554

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

**Product Description:** Human PPBP (P02775, 59 a.a. - 128 a.a.) partial recombinant protein expressed in *Escherichia coli*.

**Sequence:**

AELRCMCIKTTSGIHPKNIQSLEVIGKGTCHCNQVEVIAT  
LKDGRKICLDPDAPRIKKIVQKLAGDESAD

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 7.6

**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 - 10 ng/mL, was  
determined by the ability of NAP2 to chemoattract  
human neutrophils, corresponding to a specific activity  
of 100000 - 1000000 IU/mg.

**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:** 5473

**Gene Symbol:** PPBP

**Gene Alias:** B-TG1, Beta-TG, CTAP-III, CTAP3,  
CTAPIII, CXCL7, LA-PF4, LDGF, MDGF, NAP-2, PBP,  
SCYB7, TC1, TC2, TGB, TGB1, THBGB, THBGB1

**Gene Summary:** The protein encoded by this gene is a  
platelet-derived growth factor that belongs to the CXC  
chemokine family. This growth factor is a potent  
chemoattractant and activator of neutrophils. It has been  
shown to stimulate various cellular processes including  
DNA synthesis, mitosis, glycolysis, intracellular cAMP  
accumulation, prostaglandin E2 secretion, and synthesis  
of hyaluronic acid and sulfated glycosaminoglycan. It  
also stimulates the formation and secretion of  
plasminogen activator by synovial cells. [provided by  
RefSeq]