



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### PTGER3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005733-P01

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

**Product Description:** Human PTGER3 full-length ORF ( NP\_942008.1, 1 a.a. - 388 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKETRGYGGDAPFCTRLNHSYTMWAPERSAEARG  
NLTRPPGSGEDCGSVSVAFPIITMLLTGFVGNALAMLLV  
SRSYRRRESKRKKSFLLCIGWLALTDLVGQLLTPVVI  
VVYLSKQRWEHIDPSGRLLCTFFGLTMTVFGLSSLFAS  
AMAVERALAIRAPHWYASHMKTRATRALLGVWLAVL  
AFALLPVLGVGQYTVQWPGTWCFISTGRGGNGTSSS  
HNWGNLFFASAFALGLLALTDTFSCNLATIKALVSR  
RAKATASQSSAQWGRITTEAIQLMGIMCVLSVCWSP  
LLIMMLKMIFNQTSVEHCKTHTEKQKECNFFLIIVRLAS  
LNQILDWVYLLLRKILLRKFCQVANAVSSCSNDGQKG  
QPISLSNEIIQTEA

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 69.1

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5733

**Gene Symbol:** PTGER3

**Gene Alias:** EP3, EP3-I, EP3-II, EP3-III, EP3-IV, EP3e, MGC141828, MGC141829, MGC27302

**Gene Summary:** The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotrophic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]