



# 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

### PTGFR (Human) Recombinant Protein

**Catalog Number:** H00005737-G01

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

**Product Description:** Human PTGFR full-length ORF (NP\_000950.1) recombinant protein without tag.

**Sequence:**

MSMNNSKQLVSPAAALLSNTTCQTENRLSVFFSVIFMT  
VGILNSLAIAIILMKAYQFRFRQKSKASFLLASGLVITDF  
FGHLINGAIAVAVFYASDKEWIRFDQSNVLCISIFGICMVF  
SGLCPLLLGSVMAIERCIGVTKPIFHSTKITSKHVKMML  
SGVCLFAVFIALLPILGHRDYKIQASRTWCFYNTEDIKD  
WEDRFYLLLSFLLGALLGVSLLCNAITGITLLRVKFKS  
QQHRQGRSHHLEMVIQLLAIMCVSCICWSPFLVTMANI  
GINGNHSLETCEITLALFALRMATWNQILDPWVYILLRKA  
VLKNLYKLASQCCGVHVISLHIWELSSIKNSLKVAAISE  
SPVAEKSAST

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

**Theoretical MW (kDa):** 40.1

**Applications:** AP

(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

**Form:** Liquid

**Preparation Method:** [in vitro wheat germ expression system with proprietary liposome technology](#)

**Purification:** None

**Recommend Usage:** Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**Storage Buffer:** 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

**Entrez GeneID:** 5737

**Gene Symbol:** PTGFR

**Gene Alias:** FP, MGC120498, MGC46203

**Gene Summary:** The protein encoded by this gene is member of the G-protein coupled receptor family. This protein is a receptor for prostaglandin F2-alpha (PGF2-alpha), which is known to be a potent luteolytic agent, and may also be involved in modulating intraocular pressure and smooth muscle contraction in uterus. Knockout studies in mice suggest that the interaction of PGF2-alpha with this receptor may initiate parturition in ovarian luteal cells and thus induce luteolysis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]