



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

www.szabo-scandic.com

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

Datasheet

PTGFR (Human) Recombinant Protein (P01)

Catalog Number: H00005737-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTGFR full-length ORF (NP_000950.1, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSMNNSKQLVSPAAALLSNTTCQTENRLSVFFSVIFMT
VGILSNLAIAILMKAYQFRQKSKASFLLLASGLVITDF
FGHLINGAIAVAVFYASDKWIRFDQSNVLCISFIGICMVF
SGLCPLLLGSMVMAIERCIGVTKPIFHSTKITSKHVKMML
SGVCLFAVFIALLPILGHRDYKIQASRTWCFYNTEDIKD
WEDRFYLLLSFLLGALLGVSLLCNAITGITLLRVKFKS
QQHRQGRSHHLEMVIQLLAIMCVSCICWSPFLVTMANI
GINGNHSLETCTTLFALRMATWNQILDWPVYILLRKA
VLKNLYKLASQCCGVHVISLHIWELSSIKNSLKVAAISE
SPVAEKSAST

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 66.5

Interspecies Antigen Sequence: Mouse (89); Rat (88)

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: 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]