



# 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) 

## PTGIS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005740-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

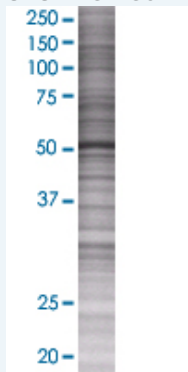
**Plasmid:** pCMV-PTGIS full-length

**Host:** Human

**Theoretical MW (kDa):** 55.11

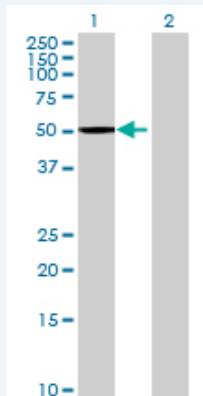
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PTGIS antibody ([H00005740-B01](#)) by Western Blots.

#### SDS-PAGE Gel



PTGIS transfected lysate.

#### Western Blot



Lane 1: PTGIS transfected lysate ( 55.11 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

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

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [5740](#)

GeneBank [NM\\_000961.3](#)  
Accession#:

Protein [NP\\_000952.1](#)  
Accession#:

Gene Name: PTGIS

Gene Alias: CYP8,CYP8A1,MGC126858,MGC126860,PGIS,PTGI

Gene Description: prostaglandin I2 (prostacyclin) synthase

Omim ID: [145500](#), [601699](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to prostacyclin (prostaglandin I2), a potent vasodilator and inhibitor of platelet aggregation. An imbalance of prostacyclin and its physiological antagonist thromboxane A2 contribute to the development of myocardial infarction, stroke, and atherosclerosis. [provided by RefSeq]

Other Designations: OTTHUMP00000031777,cytochrome P450, family 8, subfamily A, polypeptide 1

### Gene Pathway

[Arachidonic acid metabolism](#) [Metabolic pathways](#)

### Related Disease

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