



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

PTGS2 (Human) Recombinant Protein (P02)

Catalog Number: H00005743-P02

Regulation Status: For research use only (RUO)

Product Description: Human PTGS2 full-length ORF (NP_000954.1, 1 a.a. - 604 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLARALLLCAVLALSHTANPCCSHPCQNRGVCMSVGF
DQYKCDCTRTGFYGENCSTPEFLTRIKLFLKPTPNTVH
YILTHFKGFWNVNNIPFLRNAIMSYVLTSRSHLIDSP
TYNADYGYSWEAFNSLSYYTRALPPVPDDCPTPLGV
KGKKQLPDSNEIVEKLLLRKFIPDPQGSNMMFAFFAQ
HFTHQFFKTDHKRGAFTNGLGHGVDLNHIYGETLAR
QRKLRFLKDGKMKYQIIDGEMYPPTVKDTQAEMIYPP
QVPEHLRFVAVGQEVFGLVPLMMYATIWLREHNRVC
DVLKQEHPEWGDEQLFQTSRLILIGETIKIVIEDYVQHL
SGYHFKLKFDPELLFNKQFYQNRIAAEFNTLYHWHP
LLPDTFQIHDQKYNQYQFIYNNISILLEHGITQFVESFTR
QIAGRVAGGRNVPPAVQKVSQASIDQSRQMKYQSFN
EYRKRFLMKPYESFEELTGEKEMSAELEALYGDIDAVE
LYPALLVEKPRPDAIFGETMVEVGAPFSLKGLMGNVIC
SPAYWKPSTFGGEVGFQIINTASIQSLICNNVKGCPFT
SFSVPDELIKTVTINASSRSGLDDINPTVLLKERSTEL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 95.4

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: 5743

Gene Symbol: PTGS2

Gene Alias: COX-2, COX2, GRIPGHS, PGG/HS, PGHS-2, PHS-2, hCox-2

Gene Summary: Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyme. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis. [provided by RefSeq]