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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTGS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005743-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

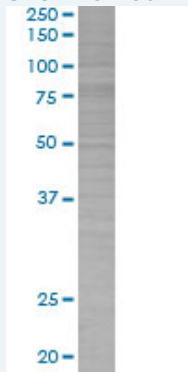
Plasmid: pCMV-PTGS2 full-length

Host: Human

Theoretical MW (kDa): 69

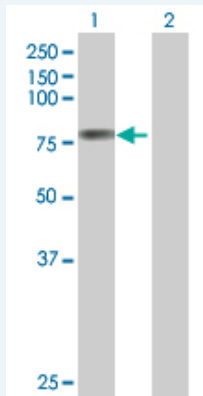
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PTGS2 antibody (H00005743-B01) by Western Blots.

SDS-PAGE Gel



PTGS2 transfected lysate.

Western Blot



Lane 1: PTGS2 transfected lysate (69 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [5743](#)

GeneBank [NM_000963.1](#)
Accession#:

Protein =
Accession#:

Gene Name: PTGS2

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

Gene Description: prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)

Omim ID: [600262](#)

Gene Ontology: [Hyperlink](#)

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]

Other Designations: OTTHUMP00000033524, cyclooxygenase 2b, prostaglandin G/H synthase and cyclooxygenase, prostaglandin-endoperoxide synthase 2

Gene Pathway

[Arachidonic acid metabolism](#) [Pathways in cancer](#) [Small cell lung cancer](#)
[VEGF signaling pathway](#)

Related Disease

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