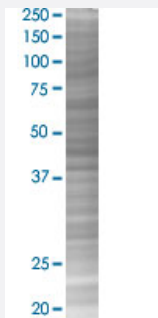


PTGES2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00080142-T02

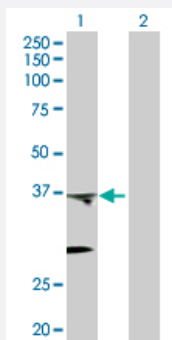
Size 100 uL

Applications



SDS-PAGE Gel

PTGES2 transfected lysate.



Western Blot

Lane 1: PTGES2 transfected lysate (41.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PTGES2 full-length
Host	Human
Theoretical MW (kDa)	41.9
Interspecies Antigen Sequence	Mouse (83); Rat (83)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PTGES2 antibody ([H00080142-D01P](#)) by Western Blots.
SDS-PAGE Gel
PTGES2 transfected lysate.
Western Blot
Lane 1: PTGES2 transfected lysate (41.90 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.

Applications

- Western Blot

Gene Info — PTGES2

Entrez GeneID

[80142](#)

GeneBank Accession#

[NM_025072.4](#)

Protein Accession#

[NP_079348.1](#)

Gene Name

PTGES2

Gene Alias

C9orf15, FLJ14038, GBF1, MGC11289, PGES2, mPGES-2

Gene Description

prostaglandin E synthase 2

Omim ID

[608152](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H₂ to prostaglandin E₂. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene. [provided by RefSeq]

Other Designations

GATE-binding factor 1|OTTHUMP00000022231|gamma-interferon-activated transcriptional element-binding factor 1|membrane-associated prostaglandin E synthase 2|microsomal prostaglandin E synthase-2

Pathway

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

Disease

- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)