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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTGDR 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005729-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

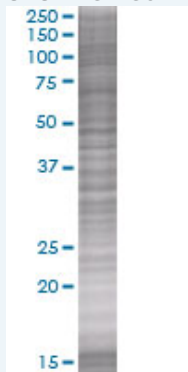
Plasmid: pCMV-PTGDR full-length

Host: Human

Theoretical MW (kDa): 39.6

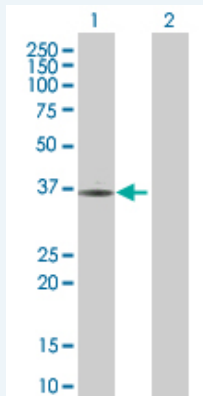
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PTGDR antibody ([H00005729-B01](#)) by Western Blots.

SDS-PAGE Gel



PTGDR transfected lysate

Western Blot



Lane 1: PTGDR transfected lysate (39.6 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: [5729](#)

GeneBank [BC040968](#)
Accession#:

Protein [AAH40968](#)
Accession#:

Gene Name: PTGDR

Gene Alias: AS1,ASRT1,DP,DP1,MGC49004

Gene Description: prostaglandin D2 receptor (DP)

Omim ID: [604687](#), [607277](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a G-protein-coupled receptor. It has been shown to function as a prostanoid DP receptor. The activity of this receptor is mainly mediated by G-S proteins that stimulate adenylate cyclase resulting in an elevation of intracellular cAMP and Ca²⁺. Knockout studies in mice suggest that the ligand of this receptor, prostaglandin D2 (PGD2), functions as a mast cell-derived mediator to trigger asthmatic responses. [provided by RefSeq]

Other Designations: PGD receptor,prostaglandin D2 receptor,prostanoid DP receptor

Gene Pathway

[Neuroactive ligand-receptor interaction](#)

Related Disease

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