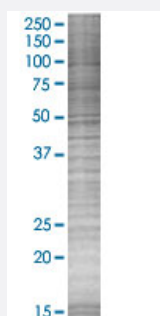


PTGER3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005733-T02

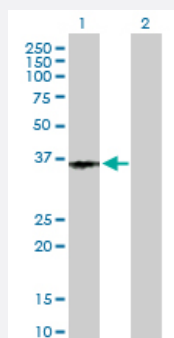
Size 100 uL

Applications



SDS-PAGE Gel

PTGER3 transfected lysate.



Western Blot

Lane 1: PTGER3 transfected lysate (42.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PTGER3 full-length

Host Human

Theoretical MW (kDa) 42.7

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PTGER3 antibody ([H00005733-B01P](#)) by Western Blots.
SDS-PAGE Gel
PTGER3 transfected lysate.
Western Blot
Lane 1: PTGER3 transfected lysate (42.7 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 — PTGER3

Entrez GeneID	5733
GeneBank Accession#	NM_198715
Protein Accession#	NP_942008.1
Gene Name	PTGER3
Gene Alias	EP3, EP3-I, EP3-II, EP3-III, EP3-IV, EP3e, MGC141828, MGC141829, MGC27302
Gene Description	prostaglandin E receptor 3 (subtype EP3)
Omim ID	176806
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotrophic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	OTTHUMP00000011033 OTTHUMP00000011034 OTTHUMP00000011035 PGE receptor, EP3 subtype prostaglandin E receptor EP3 subtype 3 isoform prostaglandin E receptor 3, subtype EP3 prostaglandin E2 receptor prostaglandin receptor (PGE-2) prostanoid EP3 receptor
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Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Connective Tissue Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)

- [Skin Diseases](#)
- [Tobacco Use Disorder](#)