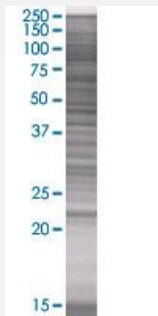


PGDS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027306-T01

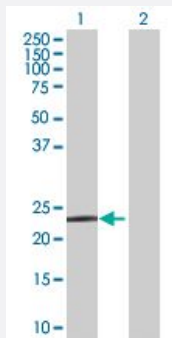
Size 100 uL

Applications



SDS-PAGE Gel

PGDS transfected lysate.



Western Blot

Lane 1: PGDS transfected lysate (22 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PGDS full-length
Host	Human
Theoretical MW (kDa)	22
Interspecies Antigen Sequence	Mouse (80)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PGDS antibody ([H00027306-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PGDS transfected lysate.
 Western Blot
 Lane 1: PGDS transfected lysate (22 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 — PGDS

Entrez GeneID

[27306](#)

GeneBank Accession#

[NM_014485.2](#)

Protein Accession#

[NP_055300.1](#)

Gene Name

PGDS

Gene Alias

-

Gene Description

prostaglandin D2 synthase, hematopoietic

Omim ID

[602598](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. [provided by RefSeq]

Other Designations

hematopoietic prostaglandin D2 synthase|prostaglandin-D synthase

Pathway

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

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)