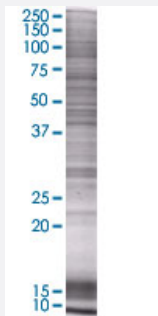


PCYT1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009468-T01

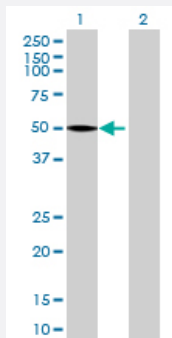
Size 100 uL

Applications



SDS-PAGE Gel

PCYT1B transfected lysate.



Western Blot

Lane 1: PCYT1B transfected lysate (40.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PCYT1B full-length
Host	Human
Theoretical MW (kDa)	40.7
Interspecies Antigen Sequence	Mouse (98); Rat (98)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PCYT1B antibody ([H00009468-B01](#)) by Western Blots.
SDS-PAGE Gel
PCYT1B transfected lysate.
Western Blot
Lane 1: PCYT1B transfected lysate (40.7 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 — PCYT1B

Entrez GeneID

[9468](#)

GeneBank Accession#

[NM_004845.3](#)

Protein Accession#

[NP_004836.2](#)

Gene Name

PCYT1B

Gene Alias

CCT-beta, CTB

Gene Description

phosphate cytidyltransferase 1, choline, beta

Omim ID

[604926](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene belongs to the cytidyltransferase family. It is involved in the regulation of phosphatidylcholine biosynthesis. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

CTP:phosphocholine cytidyltransferase b[OTTHUMP00000023086]phosphate cytidyltransferase 1, choline, beta isoform

Pathway

- [Aminophosphonate metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)