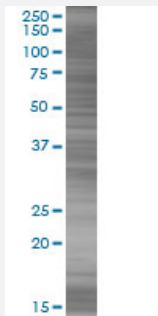


PSAT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00029968-T01

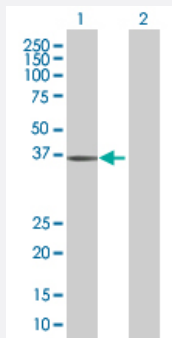
Size 100 uL

Applications



SDS-PAGE Gel

PSAT1 transfected lysate.



Western Blot

Lane 1: PSAT1 transfected lysate (40.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PSAT1 full-length
Host	Human
Theoretical MW (kDa)	40.4
Interspecies Antigen Sequence	Mouse (92); Rat (91)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PSAT1 antibody ([H00029968-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PSAT1 transfected lysate.
 Western Blot
 Lane 1: PSAT1 transfected lysate (40.4 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 — PSAT1

Entrez GeneID

[29968](#)

GeneBank Accession#

[NM_058179.2](#)

Protein Accession#

-

Gene Name

PSAT1

Gene Alias

EPIP, MGC1460, PSA, PSAT

Gene Description

phosphoserine aminotransferase 1

Omim ID

[610936](#) [610992](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is likely a phosphoserine aminotransferase, based on similarity to proteins in mouse, rabbit, and Drosophila. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000021524|OTTHUMP00000021525|endometrial progesterone-induced protein|phosphoserine aminotransferase

Pathway

- [Glycine](#)
- [Metabolic pathways](#)
- [Vitamin B6 metabolism](#)