

Recombinant Human PSAT1 cell lysate

Cat. No. PSAT1-1424HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PSAT1 phosphoserine aminotransferase 1 [Homo sapiens]
Official Symbol	PSAT1
Synonyms	PSAT1; phosphoserine aminotransferase 1; phosphoserine aminotransferase; PSA; endometrial progesterone-induced protein; phosphohydroxythreonine aminotransferase; EPIP; PSAT; MGC1460;
Gene ID	29968

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mRNA Refseq	NM_021154
Protein Refseq	NP_066977
MIM	610936
UniProt ID	Q9Y617
Chromosome Location	9q21.2
Pathway	Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Serine biosynthesis, organism-specific biosystem;
Function	O-phospho-L-serine:2-oxoglutarate aminotransferase activity; O-phospho-L-serine:2-oxoglutarate aminotransferase activity; pyridoxal phosphate binding; transferase activity;