

Recombinant Human PSAT1, GST-tagged

Cat. No. PSAT1-2000H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSAT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-370aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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Gene ID	29968
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;

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