

Recombinant Mouse Psat1 Protein, MYC/DDK-tagged

Cat. No. Psat1-325M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse phosphoserine aminotransferase 1 (Psat1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the reversible conversion of 3-phosphohydroxypyruvate to phosphoserine and of 3-hydroxy-2-oxo-4-phosphonooxybutanoate to phosphohydroxythreonine.
Molecular Mass	40.9 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Psat1 phosphoserine aminotransferase 1 [Mus musculus (house mouse)]
Official Symbol	Psat1
Synonyms	Psat1; phosphoserine aminotransferase 1; PSA; EPIP; Psat; D8Ertd814e; phosphoserine aminotransferase; endometrial progesterone-induced protein; phosphohydroxythreonine aminotransferase; EC 2.6.1.52
Gene ID	107272
mRNA Refseq	NM_177420
Protein Refseq	NP_803155
UniProt ID	Q99K85

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