



Recombinant Mouse Phosphoserine aminotransferase (Psat1)

Product Code	CSB-EP860801MO-B
Abbreviation	Psat1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99K85
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MEATKQVVNF GPGPAKLPHS VLLEIQKQLL DYRGLGISVL EMSHRSSDFA KIIGNTENLV RELLAVPNNY KVIFVQGGGS GQFSAPLNL IGLKAGRSAD YVVTGAWSAK AAEEAKKFGT VNIVHPKLG S YTKIPDPSTW NLNPDASYVY FCANETVHGV EFDVFPDVKG AVLVCDMSSN FLSRPVDVSK FGVIFAGA QK NVGSAGVTVV IVRDDLLGFS LRECPSVLDY KVQAGNNSLY NTPPCFSIYV MGMVLEWIKN NGGAAAMEKL SSIKSQMIYE IIDNSQGFYV CPVERQNRSR MNIPFRIGNA KGDEALEKRF LDKAVELNMI SLKGHRVGG IRASLYNAVT TEDVEKLA AF MKNFLEMHQL
Source	E.coli
Target Names	Psat1
Protein Names	Recommended name: Phosphoserine aminotransferase Short name= PSAT EC= 2.6.1.52 Alternative name(s): Endometrial progesterone-induced protein Short name= EPIP Phosphohydroxythreonine aminotransferase
Expression Region	1-370
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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