



# Recombinant Mouse Phosphoserine aminotransferase (Psat1)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-YP860801MO   |
| <b>Abbreviation</b>      | Psat1  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q99K85   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MEATKQVVNF GPGPAKLPHS VLLEIQKQLL DYRGLGISVL EMSHRSSDFA<br>KIIGNTENLV RELLAVPNNY KVIFVQGGGS GQFSAPLNL IGLKAGRSAD<br>YVVTGAWSAK AAEEAKKFGT VNIVHPKLG S YTKIPDPSTW NLNPDASYVY<br>FCANETVHGV EFDVFPDVKG AVLVCDMSSN FLSRPVDVSK FGVIFAGA QK<br>NVGSAGVTVV IVRDDLLGFS LRECPSVLDY KVQAGNNSLY NTPPCFSIYV<br>MGMVLEWIKN NGGAAAMEKL SSIKSQMIYE IIDNSQGFYV CPVERQNRSR<br>MNIPFRIGNA KGDEALEKRF LDKAVELNMI SLKGHRVGG IRASLYNAVT<br>TEDVEKLA AF MKNFLEMHQL |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | Psat1  |
| <b>Protein Names</b>     | Recommended name: Phosphoserine aminotransferase Short name= PSAT<br>EC= 2.6.1.52 Alternative name(s): Endometrial progesterone-induced protein<br>Short name= EPIP Phosphohydroxythreonine aminotransferase   |
| <b>Expression Region</b> | 1-370  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | 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.   |
| <b>Reconstitution</b>    | 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.                                  |



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