



# Recombinant Schizosaccharomyces pombe Putative phosphoserine aminotransferase (SPAC1F12.07)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP611957SXV-B   |
| <b>Abbreviation</b>      | SPAC1F12.07   |
| <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>       | Q10349  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MSSREEVVNF AAGPAAMITS VVEEFGKDFV NFQQLGMGVA EISHRSKQGS<br>GIVTSAESNF RKLYNIPENF HILFMQGGGT EQFAACLYNV YAHHALKNGN<br>AKSLVANYII TGAWSKKAYA EAERLGFPCV VAVDMKELAG KYGSLPEDKD<br>LKFTPDGETS LVYYCDNETV HGVEFNEPPT NIPKGAIRVC DVSSNFISRK<br>IDFTKHDIIF AGAQKNAGPA GITVVFVRDS VLARPTPAEL HKLNIPVSPT<br>VSDYKIMADN HSLYNTLPVA TLHAINLGLE YMLEHGGLVA LEASSIEKSK<br>LLYDTLDKHD LYISVVEPAA RSRMNVTFRI EPQELESEFL AEAEKHHLVQ<br>LKGYSVGGI RASLYNAISV EQTRRLIDLL ESFAKAHSN |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | SPAC1F12.07   |
| <b>Protein Names</b>     | Recommended name: Putative phosphoserine aminotransferase Short name=<br>PSAT EC= 2.6.1.52 Alternative name(s): Phosphohydroxythreonine<br>aminotransferase   |
| <b>Expression Region</b> | 1-389   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>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>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final<br>concentration of glycerol is 50%. Customers could use it as reference.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,<br>storage temperature and the stability of the protein itself.   |



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