



Recombinant *Saccharomyces cerevisiae* Phosphoserine aminotransferase (SER1)

Product Code	CSB-EP018838SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P33330
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSLEREEPQH FGAGPAQMPT PVLQQAADL INFNDIGLGI GEISHRSKDA TKVIEDSKKH LIELLNIPDT HEVLYLQGGG TTGFSSVATN LAAAYVGKHG KIAPAGYLV TGSWSQKS FEEAKRLHVPAEV IFNAKDYNNG KFGKIPDESL WEDKIKGKAF SYVYLCENET VHGVWPELP KCLVNDPNI EIVADLSSDIL SRKIDVSQYG VIMAGAQKNI GLAGLTLYII KKSILKNISG ASDETLHELG VPITPIAFDY PTVVKNN SAYNTIPIFTLHV MDLVFQHILK KGGVEAQQAE NEEKAKILYE ALDANSDFYN VPVDPKCRSK MNVVF TLKGDGLDDQFLKEA AARHLTGLKG HRSVGGFRAS IYNALSVKAV QNLVDFIKEF AEKNA
Source	E.coli
Target Names	SER1
Protein Names	Recommended name: Phosphoserine aminotransferase Short name= PSAT EC= 2.6.1.52 Alternative name(s): Phosphohydroxythreonine aminotransferase
Expression Region	1-395
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
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	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.