



# Recombinant Phosphoserine aminotransferase (serC)

<b>Product Code</b>	CSB-EP820287EOD-B
<b>Abbreviation</b>	serC
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8XEA7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AQIFNFSSG PAMLPVEVLK QAQQELRDWN GLGTSVMEVS HRGKEFIQVA EEAEKDFRDL LNVPSNYKVL FCHGGGRGQF AAVPLNILGD KTTADYVDAG YWAASAIKEA KKYCTPNVFD AKVTV DGLRA VKPMREWQLS DNAAYMHYCP NETIDGIAID ETPDFGKDVV VAADFSSTIL SRPIDVSRYG VIYAGAQNKI GPAGLTIVIV REDLLGKANV ACPSILDYSI LNDNGSMFNT PPTFAWYLSG LVFKWLKANG GVAEMDKINQ QKAELLYGVI DNSDFYRNDV AKANRSRMNV PFQLADSALD KLFLEESFAA GLHALKGHRV VGGMRASIYN AMPLEGVKAL TDFMVEFERR HG
<b>Source</b>	E.coli
<b>Target Names</b>	serC
<b>Protein Names</b>	Recommended name: Phosphoserine aminotransferase EC= 2.6.1.52 Alternative name(s): Phosphohydroxythreonine aminotransferase Short name= PSAT
<b>Expression Region</b>	2-362
<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 of Mature Protein
<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.
<b>Shelf Life</b>	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.