



Recombinant Phosphoserine aminotransferase (serC)

Product Code	CSB-MP820287EOD
Abbreviation	serC
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.	Q8XEA7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	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
Source	Mammalian cell
Target Names	serC
Protein Names	Recommended name: Phosphoserine aminotransferase EC= 2.6.1.52 Alternative name(s): Phosphohydroxythreonine aminotransferase Short name= PSAT
Expression Region	2-362
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 of Mature 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.