



Recombinant *Desulfotalea psychrophila* Phosphoserine aminotransferase (serC)

Product Code	CSB-YP718286DAAA
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.	Q6ALW3
Product Type	Recombinant Protein
Immunogen Species	<i>Desulfotalea psychrophila</i> (strain LSv54 / DSM 12343)
Purity	≥85% (SDS-PAGE)
Sequence	MADRVYNFSA GPATLPFEVL EQAGKDIVNF KETGSGLIEI SHRSPEFIEV IEKTESLVRE LLEVDPDNYKV LFLQGGASSQ FFMVPMNLLG AGKKATYLN GTWAKKAIKE AQLFGDIDVA YSSEESIFNH VPANDAYQVA EESEYLYFAS NNTIYGTQFE TMPQSKKMLV ADMSSDIFSR KVDVSKFGLI FAGAQKNLGP AGVTLVIIIRD DLLEKTPAHT PTMLSYKTHA DKGSMFNTTP CFAIYVMGEV LAWLKNLGGV EKIEEINREK AALLYSQIDA SDYYRVHAQD GSRSLMNVTF NLPTAELEAK FIAEASALQM KGLKGHR SIG GCRASIYNAF PREGVVKLVE FMQVFAANNP A
Source	Yeast
Target Names	serC
Protein Names	Recommended name: Phosphoserine aminotransferase EC= 2.6.1.52 Alternative name(s): Phosphohydroxythreonine aminotransferase Short name= PSAT
Expression Region	1-361
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.