



Recombinant Bacillus subtilis Phosphoserine aminotransferase (serC)

Product Code	CSB-BP018838BRJ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P80862
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MERTTNFNAG PAALPLEVLQ KAKKEFIDFN ESGMSVMELS HRSKEYEAVH QKAKSLIEL MGIPEDYDIL FLQGGASLQF SMLPMNFLTPEKTAHFVMTG AWSEKALAET KLFGNTSITA TSETDNYSYI PEVDLTDVKD GAYLHITSNN TIFGTQWQEF PNSPIPLVAD MSSDILSRKI DVSKFDVIYG GAQKNLGPSS VTVIMKKSX LQENANVPK ILKYSTHVKA DSYLNTPTTF AIYMLSLVLE WLKENGVEA VEQRNEQKAQ VLYSCIDESN GFYKGHARKD SRSRMNVTFT LRDDELTKTF VQKAKDAKMI GLGGHRSVGG CRASIYNAVS LEDCEKLAAF MKKFQQENE
Source	Baculovirus
Target Names	serC
Protein Names	Recommended name: Phosphoserine aminotransferase EC= 2.6.1.52 Alternative name(s): Phosphohydroxythreonine aminotransferase Short name= PSAT Vegetative protein 234 Short name= VEG234
Expression Region	1-359
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.