



Recombinant Bordetella petrii Phosphoserine aminotransferase (serC)

Product Code	CSB-YP018838BPB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A9IJI3
Product Type	Recombinant Protein
Immunogen Species	Bordetella petrii (strain ATCC BAA-461 / DSM 12804 / CCUG 43448)
Purity	≥85% (SDS-PAGE)
Sequence	MARPWNFSAG PSALPEAVLQ QAADEMLDWN GSGMSVMEMS HRGKHFVQIC DQAEADLRDL LGVPADYAVM FMQGGGLGEN AIVPMNLIGR RGHPAADFVL TGHWSTRSHK EAGRYGDIHV AASAGEAASV DGREQAPWTW VPPADTWKVR PEAAYLHLCS NETIHGVEFT DWPDLAALGA PDVPLVVDAS SHFLSRPMDV TRAGLLFAGA QKNAGPAGVT MVARRDIG KALPICPSAF DYANVAAEHS RYNTPPAFAI YIAGLVFKWV KAQGGVAGME AANRAKAELL YGYLDSTSFY HNPVHAPVRS RMNVPFVLRD ESLNDAFLQG AEAAGLMQLK GHKSVGGMRA SIYNAMPLEG VRALVEYLRD FERRYG
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	1-376
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.