



Recombinant *Saccharopolyspora erythraea* Phosphatidylserine decarboxylase proenzyme (psd)

Product Code	CSB-EP018033STB-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A4F743
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharopolyspora erythraea</i> (strain ATCC 11635 / DSM 40517 / JCM 4748 / NBRC 13426 / NCIMB 8594 / NRRL 2338)
Purity	>85% (SDS-PAGE)
Sequence	MSTEQEPKTS PLTHLVALAR DTVPPMHPAG RPFVLGAAVA TLLRRRWGR AGVLGGILTA WCAWFFREPR RTAPTRDGIA VAPADGTVAH VEKAVPPAEL GLGAAPMTRV SVFLTIFDVH VQRVPLSGEV TKVSYRAGKF LSADLDKASE DNERNMLIR GADGTEVAVV QIAGLVARRI VCSASEGDQV LAGHTYGLIR FG
Source	E.coli
Target Names	psd
Protein Names	Recommended name: Phosphatidylserine decarboxylase proenzyme EC= 4.1.1.65 Cleaved into the following 2 chains: 1. Phosphatidylserine decarboxylase alpha chain 2. Phosphatidylserine decarboxylase beta chain
Expression Region	1-202
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.