Recombinant Rhodoferax ferrireducens Phosphatidylserine decarboxylase proenzyme (psd)

Product Code	CSB-YP632539RAAJ
Abbreviation	psd
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.	Q221E5
Product Type	Recombinant Protein
Immunogen Species	Rhodoferax ferrireducens (strain ATCC BAA-621 / DSM 15236 / T118) (Albidiferax ferrireducens)
Purity	>85% (SDS-PAGE)
Sequence	MFDRLAVLPQ YLLPKQAITL LAGRVAGARG GKWTTRLIEW FVKRYKVNMR EAANPEVASY ATFNDFFTRA LQAGARPLAR ADLICPVDGA ISQFGAMAGQ QIFQAKGHHY SSTALVGGDA ALAAQFDDGH FATLYLSPRD YHRIHMPCDG VLRRMIYVPG ALFSVNPTTA LGVPGLFARN ERVVCVFESA RGPFVLVLVG ATIVGSMATV WHGVVNPPRS TAVREWRYDE QPVRLKQGEE MGRFLLG
Source	Yeast
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	1-247
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.