



Recombinant *Saccharomyces cerevisiae* D-3-phosphoglycerate dehydrogenase 1 (SER3)

Product Code	CSB-EP340203SVG-B
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.	P40054
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	TSIDINNLQ NTFQQAMNMS GSPGAVCTSP TQSFMNTVPQ RLNAVKHPKI LKPFFSTGDMK ILLLENVNQT AITIFEEQGY QVEFYKSSLP EEELIEKIKD VHAIGIRSKT RLTSNVLQHA KNLVCIGCFC IGTNQVDLDY ATSRGIAVFN SPFSNSRSVA ELVIAEIIISL ARQLGDRSIE LHTGTWNKVA ARCWEVRGKT LGIIGYGHIG SQLSVLAEAM GLHVLYYDIV TIMALGTARQ VSTLDELLNK SDFVTLHVPA TPETEKMLSA PQFAAMKDGA YVINASRGTV VDIPSLIQAV KANKIAGAAL DVYPHEPAKN GEGSFNDELN SWTSELVSLP NIILTPHIGG STEEAQSSIG IEVATALSKY INEGNSVGSV NFPEVALKSL SYDQENTVRV LYIHQNVPGV LKTVNDILSN HNIKQFSDS NGEIAYLMAD ISSVDQSDIK DIYEQLNQTS AKISIRLLY
Source	E.coli
Target Names	SER3
Protein Names	Recommended name: D-3-phosphoglycerate dehydrogenase 1 Short name= 3-PGDH 1 EC= 1.1.1.95
Expression Region	2-469
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 of Mature 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.