



Recombinant Clostridium sticklandii Glycine/sarcosine/betaine reductase complex component A (grdA)

Product Code	CSB-EP340832DUS-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.	P26971
Product Type	Recombinant Protein
Immunogen Species	Acetoanaerobium sticklandii (strain ATCC 12662 / DSM 519 / JCM 1433 / NCIMB 10654) (Clostridium sticklandii)
Purity	≥85% (SDS-PAGE)
Sequence	SRFTGKKIV IIGDRDGIPG PAIEECLKPI DCEVIFSSTE CFVUTAAGAM DLENQKRIKE ATEKFGAENL VVLIGAAEAE AAGLAAETVT AGDPTFAGPL AGVELGLRVY HAVEPEFKDE VDAQIFDDQV GMMEMVLNVD EIIIEEMQSIR SQFCKFND
Source	E.coli
Target Names	grdA
Protein Names	Recommended name: Glycine/sarcosine/betaine reductase complex component A EC= 1.21.4.2 EC= 1.21.4.3 EC= 1.21.4.4 Alternative name(s): Selenoprotein PA Thioredoxin reductase complex selenoprotein A
Expression Region	2-158
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.