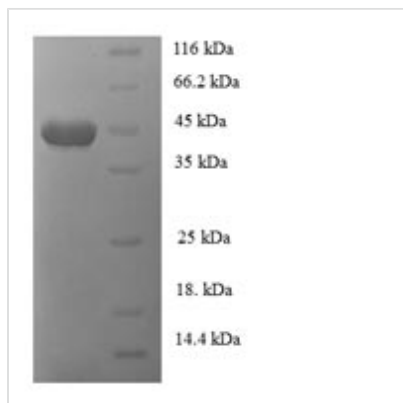




Recombinant Bacillus sp. Monomeric sarcosine oxidase (soxA)

Product Code	CSB-EP332906BCG
Relevance	Catalyzes the oxidative dehydrogenation of sarcosine.
Abbreviation	Recombinant Bacillus sp. soxA protein
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.	P23342
Product Type	Recombinant Protein
Immunogen Species	Bacillus sp. (strain NS-129)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSTHFDVIVVGAGSMGMAAGYYLAKQGVKTLLVDSFDPPTNGSHHGDTRIIR HAYGEGREYVVPFALRAQELWYELEKETHHKIFTQTGVLVYGPKGGSAFVSET MEAAIHSLHELFEGKQLTDRWAGVEVPDNYEAIPEPNSGVLFSENCIQAYR ELAEAHGATVLTYPVEDFEVTEDLVTIKTAKGSYTANKLVVSMGAWNSKLLSK LDVEIPLQPYRQVVGFFECDEAKYSNNAHYPAFMVEVENGIYYGFPSFGGSG KIGYHSYGQQIDPDTINREFGAYPEDEANLRKFLEQYMPGANGELKKGAVCMY TKTPDEHFVIDLHPKYSNVAIAAGFSGHGFKFSSVVGETLAQLATTGKTEHDISI FSLNRDALKKEAVK
Research Area	Others
Source	E.coli
Target Names	soxA
Expression Region	1-387aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	46.9kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.