



Recombinant Escherichia coli L-serine dehydratase tdcG (tdcG)

Product Code	CSB-MP331587ENV
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.	P42630
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MISAFDIFKI GIGPSSSHTV GPMNAGKSFI DRLESSGLLT ATSHIVVDLY GSLSLTGKGH ATDVAIMGL AGNSPQDVVI DEIPAFIELV TRSGRLPVAS GAHIVDFPVA KNIIFHPEML PRHENGMRIT AWKGQEELLS KTYYSVGGGF IVEEHFGLS HDVETSPYD FHSAGELLKM CDYNGLSISG LMMHNELALR SKAEIDAGFA RIWQVMHDGI ERGMNTEGVL PGPLNVPARR VALRRQLVSS DNISNDPMNV IDWINMYALA VSEENAAGGR VVTAPTNGAC GIIPAVLAYY DKFRRPVNER SIARYFLAAG AIGALYKMNA SISGAEVGCQ GEIGVACSMA AAGLTELLGG SPAQVCNAAE IAMEHNLGLT CDPVAGQVQI PCIERNAINA VKAVNAARMA MRRTSAPRVS LDKVIETMYE TGKDMNDKYR ETSRGGLAIK VVCG
Source	Mammalian cell
Target Names	tdcG
Protein Names	Recommended name: L-serine dehydratase tdcG Short name= SDH EC= 4.3.1.17 Alternative name(s): L-serine deaminase
Expression Region	1-454
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.