



# Recombinant Escherichia coli L-serine dehydratase tdcG (tdcG)

<b>Product Code</b>	CSB-YP331587ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P42630
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MISAFDIFKI GIGPSSSHTV GPMNAGKSFI DRLESSGLLT ATSHIVVDLY GSLSLTGKGH ATDVAIMGL AGNSPQDVVI DEIPAFIELV TRSGRLPVAS GAHIVDFPVA KNIIFHPEML PRHENGMRIT AWKGQEELLS KTYYSVGGGF IVEEEHFGLS 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
<b>Source</b>	Yeast
<b>Target Names</b>	tdcG
<b>Protein Names</b>	Recommended name: L-serine dehydratase tdcG Short name= SDH EC= 4.3.1.17 Alternative name(s): L-serine deaminase
<b>Expression Region</b>	1-454
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.