



# Recombinant Escherichia coli L-serine dehydratase 2 (sdaB)

<b>Product Code</b>	CSB-EP341174ENV
<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>	P30744
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MISVFDIFKI GIGPSSSHTV GPMKAGKQFT DDLIARNLLK DVTRVVVDVY GSLSLTGKGH HTDIAIIMGL AGNLPDVTVDI DSIPSFIQDV NTHGRLMLAN GQHEVEFPVD QCMNFHADNL SLHENGMRIT ALAGDKVVYS QTYYSIGGGF IVDEEHFGQQ DSAPVEVPYP YSSAADLQKH CQETGLSLSG LMMKNELALH SKEELEQHLA NVWEVMRGGI ERGISTEGVL PGKLRVPRRA AALRRMLVSQ DKTTTDPMAV VDWINMFALA VNEENAAGGR VVTAPTNGAC GIIPAVLAYY DKFIREVNAN SLARYLLVAS AIGSLYKMNA SISGAEVGCQ GEVGVACSMA AAGLAELLGA SPAQVCIAAE IAMEHNLGLT CDPVAGQVQV PCIERNAIAA VKAVNAARMA LRRTSEPRVC LDKVIETMYE TGKDMNAKYR ETSRGGGLAMK IVACD
<b>Source</b>	E.coli
<b>Target Names</b>	sdaB
<b>Protein Names</b>	Recommended name: L-serine dehydratase 2 Short name= SDH 2 EC= 4.3.1.17 Alternative name(s): L-serine deaminase 2 Short name= L-SD2
<b>Expression Region</b>	1-455
<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.