



Recombinant *Saccharomyces cerevisiae* L-serine dehydratase (SDL1)

Product Code	CSB-EP468882SVH-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.	B5VKE8
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain AWRI1631) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MEMTHYEKTP LIRQVFNN GK TNSWFYVKHE ILQPGGSFKS RGIGHLIRKN NEEALSEGSG KLAVFSSSGG NAGLAAATAC RSMALNCSVV VPKTTKPRMV KKIQSAGAKV IIHGDHWGEA DEYLRHELMA QESQHGSKTL YVHPFDNETI WEGHSTIVDE IIEQLKENDI SLPRVKALVC SVGGGGLFSG IIKGLERNHL AEKIPVVAVE TAGCDVLNKS LKKGSPVTLE KLTSVATSLG SPYIASFAFE SFNKYGCKSV VLSDQDVLAT CLRYADDYNF IVEPACGASL HLCYHPEILE DILEQKIYED DIVIIIACGG SCMTYEDFVK ASSTLNVS
Source	E.coli
Target Names	SDL1
Protein Names	Recommended name: L-serine dehydratase EC= 4.3.1.17 Alternative name(s): L-serine deaminase
Expression Region	1-338
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.