



Recombinant *Saccharomyces cerevisiae* D-serine dehydratase (DSD1)

Product Code	CSB-EP346044SVG-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.	P53095
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSDVLSQYKG CSVRDLPPTN FVINEEKFDK NCTTMLNNVE KLSQECGVPI KFRAHVKTHK TAKGTLKQLG HGLPLAKRTT RAILVSTLKE AEELLNYQDR QCSDYIDDIT YSLPCCVPEF IPLLNLNLSRR VNNFQVFVDN IEHLENLKNF GRPASGKKWS VFIKVDMGTK RAGLAFDSPE FLSLLKKLTS SEIKEVIEPY GFYAHAGHSY SSTSINDTQN LLMEEVKAVN SAAKVLCSVD PQFDPSKLT SVGATPTSNS LKLDNKSTLV KFITTQLVST LEIHCGNYCM YDLQQVATGC VQDHELSGFV LGTVLSSYPS RGELLSNTGV MCLTREASSI KGFGICADLE HVLKSESF SR EWYVARVSQE HGILRPIRNW NETTPLKLGS KIAVLPQHAC ITMGQFPYYF VVNSEGIVND VWLPPQKW
Source	E.coli
Target Names	DSD1
Protein Names	Recommended name: D-serine dehydratase EC= 4.3.1.18 Alternative name(s): D-serine deaminase Short name= DSD
Expression Region	1-428
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.