



Recombinant Escherichia coli O6:K15:H31 D-serine dehydratase 1 (dsdA1)

Product Code	CSB-EP604214EGY
Abbreviation	dsdA1
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.	Q0TF95
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MENAKMNSLI AQYPLVKDLV ALQETTWFNP GTTSLAEGLP YVGLTEQDVQ DAHARLSRFA PYLAKAFPET AATGGIIESE LVAIPAMQKR LEKEYHQPIA GQLLLKKDSH LPISGSIKAR GGIYEVLAHA EKLAL EAGLL TLEDDYSKLL SPEFKQFFSQ YSIAVGSTGN LGLSIGIMSA RIGFKVTVHM SADARAWKKA KLRSHGVTVV EYEQDYGVAV E EGRKAAQSD PNCFFIDDEN SRTLFLGYSV AGQRLKAQFA QQGRIVNADN PLFVYLPCGV GGGPGGVAFG LKLAFGDHHVH CFFAEPHSP CMLLGVTGL HDQISVQDIG IDNLTAADGL AVGRASGFVG RAMERLLDGF YTLSDQTMVD MLGWLAQEEG IRLEPSALAG MAGPQRVCAS VSYQQLHGFS AEQLRNATHL VWATGGGMVP EEEMNQYLAK GR
Source	E.coli
Target Names	dsdA1
Protein Names	Recommended name: D-serine dehydratase 1 EC= 4.3.1.18 Alternative name(s): D-serine deaminase 1 Short name= DSD 1
Expression Region	1-442
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.