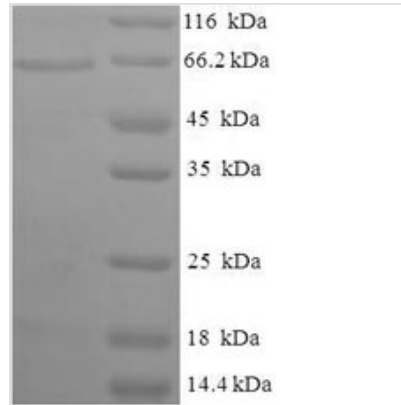


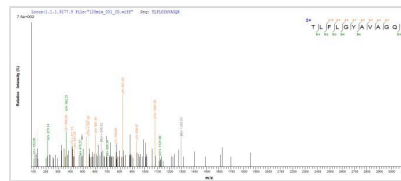


Recombinant Salmonella heidelberg D-serine dehydratase (dsdA)

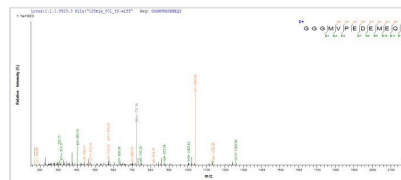
Product Code	CSB-EP472744SWQ
Abbreviation	Recombinant Salmonella heidelberg dsdA protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	B4TA53
Alias	D-serine deaminase
Product Type	Recombinant Protein
Immunogen Species	Salmonella heidelberg (strain SL476)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MENIQKLIARYPLVEDLVALKETTFNPGATSLAQGLPYVGLTEQDVNAAHDR LARFAPYLAKAFPQTAAGGMIESDVVAIPAMQKRLEKEYGQTIDGEMLLKGD SHLAISGSIKARGGIYEVLTAEKLALEAGLLTTDDDDYSVLLSPEFKQFFSQYSIA VGSTGNLGLSIGIMSACIGFKVTVHMSADARAWKKAKLRSHGVTVVEYEDDYG VAVEQGRKAAQSDPNCFFIDDENSRTLFLGYAVAGQRLKAQFAQQGRVVDAS HPLFVYLP CGVGGGPGGVAFGLKLAFGDNVHCFFAEPHSPCMLLG VYTGLH DAISVQDIGIDNLTAADGLAVGRASGFVGRAMERLLDGLYTLDDQTM YDMLG WLAQEEGIRLEPSALAGMAGPQRICAAAAYQQRHGF SQTQLGNATHLVWATG GGMVPEDEMEQYLAKGR
Research Area	Others
Source	E.coli
Target Names	dsdA
Expression Region	1-440aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	63.3kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP472744SWQ could indicate that this peptide derived from E.coli-expressed Salmonella heidelberg (strain SL476) dsdA.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP472744SWQ could indicate that this peptide derived from E.coli-expressed Salmonella heidelberg (strain SL476) dsdA.

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.