



Recombinant Salmonella typhimurium Diaminopropionate ammonia-lyase (dpaL)

Product Code	CSB-EP331227SXB-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.	P40817
Product Type	Recombinant Protein
Immunogen Species	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
Purity	>85% (SDS-PAGE)
Sequence	MHELIKYQFN TRRKKYGTGA ALSLLNGNVG HEVLAFHKKL PNYAVTPLHN LAHLSQRLGL GSIHIKDESW RFLNFAFKGL GGSYAVGKYL ADKLQCDINS LSFAALNTPE IKEKIKDCVF VTATDGNHGR GVAWAAEQLG LKAVVYMPKG SSLIRAENIR HHGAECTITD LNYDDAVRLA HRMAQTKGWV LLQDTAWTGY EEIPTWIMQG YMTLAVEAYE QLAETNSPLP THLILQAGVG SFAGSVMGYF VEKMQENIPN IIVVEPHQAN CLYQSAVMDD GQPHCVTGDM ATIMAGLACG EPNIISWPII RDNTSCFISA DDCLAAGMR ISAAPRPGTD TPFISGESGA IGVGLLYELM NNMHYQDLAN RLQLDASAHV LLISTEGDTS PDIYEDIVWN GRSA
Source	E.coli
Target Names	dpaL
Protein Names	Recommended name: Diaminopropionate ammonia-lyase Short name= Diaminopropionatase EC= 4.3.1.15 Alternative name(s): Alpha,beta- diaminopropionate ammonia-lyase
Expression Region	1-404
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.