



Recombinant Lysine decarboxylase, inducible (cadA)

Product Code	CSB-EP364331EOD-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.	P0A9H4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MNVIAILNHM GVYFKEEPIR ELHRALERLN FQIVYPNDRD DLLKLIENNA RLCGVIFDWD KYNLELCEEI SKMNENLPLY AFANTYSTLD VSLNDRLRLQI SFFEYALGAA EDIANKIKQT TDEYINTILP PLTKALFKYV REGKYTFCTP GHMGGTAFQK SPVGSLFYDF FGPNTMKSDI SISVSELGSL LDHSGPHKEA EQYIARVFNA DRSYMTNGT STANKIVGMY SAPAGSTILI DRNCHKSLTH LMMMSDVTPI YFRPTRNAYG ILGGIPQSEF QHATIAKRVK ETPNATWPVH AVITNSTYDG LLYNTDFIKK TLDVKSIFD SAWVPYTNFS PIYEGKCGMS GGRVEGKVIY ETQSTHKLLA AFSQASMIHV KGDVNEETFN EAYMMHTTTS PHYGIVASTE TAAAMMKGNA GKRLINGSIE RAIKFRKEIK RLRTESDGF FDVWQPDHID TTECWPLRSD STWHGFKNID NEHMYLDPIK VTLTTPGMEK DGTMSDFGIP ASIVAKYLDE HGIVVEKTGP YNLLFLFSIG IDKTKALLL RALTDFKRAF DLNLRVKNML PSLYREDPEF YENMRIQELA QNIHKLIVHH NLPDLMYRAF EVLPTMVMTP YAAFQKELHG MTEEVYLDDEM VGRINANMIL PYPPGVPLVM PGEMITEESR PVLEFLQMLC EIGAHYPGFE TDIHGAYRQA DGRYTVKVLK EESKK
Source	E.coli
Target Names	cadA
Protein Names	Recommended name: Lysine decarboxylase, inducible Short name= LDC EC= 4.1.1.18
Expression Region	1-715
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.