



# Recombinant Escherichia coli Inducible lysine decarboxylase (cadA)

<b>Product Code</b>	CSB-MP359298ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P0A9H3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNVIAILNHM GVYFKEEPIR ELHRALERLN FQIVYPNDRD DLLKLIENNA RLCGVIFDWD KYNLELCEEI SKMNENLPLY AFANTYSTLD VSLNDLRLQI SFFEYALGAA EDIANKIKQT TDEYINTILP PLTKALFKYV REGKYTFCTP GHMGGTAFQK SPVGSIFYDF FGPNTMKSDI SISVSELGSL LDHSGPHKEA EQYIARVFNA DRSYMTNGT STANKIVGMY SAPAGSTILI DRNCHKSLTH LMMMSDVTPI YFRPTRNAYG ILGGIPQSEF QHATIAKRVK ETPNATWPVH AVITNSTYDG LLYNTDFIKK TLDVKSIFHD SAWVPYTNFS PIYEGKCGMS GGRVEGKVIY ETQSTHKLLA AFSQASMIHV KGDVNEETFN EAYMMHTTTS PHYGIVASTE TAAAMMKGNA GKRLINGSIE RAIKFRKEIK RLRTESDGF FDVWQPDHID TTECWPLRSD STWHGFKNID NEHMYLDPIK VTLTTPGMEK DGTMSDFGIP ASIVAKYLDE HGIVVEKTGP YNLLFLFSIG IDKTKALLS RALTDFKRAF DLNLRVKNML PSLYREDPEF YENMRIQELA QNIHKLIVHH NLPDLMYRAF EVLPTMVMTP YAAFQKELHG MTEEVYLDDEM VGRINANMIL PYPPGVPLVM PGEMITEESR PVLEFLQMLC EIGAHYPGFE TDIHGAYRQA DGRYTVKVLK EESKK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	cadA
<b>Protein Names</b>	Recommended name: Lysine decarboxylase, inducible Short name= LDC EC= 4.1.1.18
<b>Expression Region</b>	1-715
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.

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