



Recombinant Escherichia coli Constitutive lysine decarboxylase (IdcC)

Product Code	CSB-YP345171ENV
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.	P52095
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MNIIAIMGPH GVFKDEPIK ELESALVAQG FQIIWPQNSV DLLKFIEHNP RICGVIFDWD EYSLDLCSDI NQLNEYLPLY AFINTHSTMD VSVQDMRMAL WFFEYALGQA EDIAIRMRQY TDEYLDNITP PFTKALFTYV KERKYTFCTP GHMGGTAYQK SPVGCLFYDF FGGNTLKADV SISVTELGSL LDHTGPHLEA EEYIARTFGA EQSYIVTNGT STSNKIVGMY AAPSGSTLLI DRNCHKSLAH LLMMNDVVPV WLKPTRNALG ILGGIPREF TRDSIEEKVA ATTQAQWPVH AVITNSTYDG LLYNTDWIKQ TLDVPSIHFV SAWVPYTHFH PIYQGKSGMS GERVAGKVIF ETQSTHKMLA ALSQASLIHI KGEYDEEAFN EAFMMHTTTS PSYPIVASVE TAAAMLRGNP GKRLINRSVE RALHFRKEVQ RLREESDGWF FDIWQPPQVD EAECWPVAPG EQWHGFNDAD ADHMFLDPVK VTILTPGMDE QGNMSEEGIP AALVAKFLDE RGIVVEKTGP YNLLFLFSIG IDKTKAMGLL RGLTEFKRSY DLNLRKINML PDLAEDPDF YRNMRIQDLA QGIHKLIRKH DLPGLMLRAF DTLPEMIMTP HQAWQRQIKG EVETIALEQL VGRVSANMIL PYPPGVPLLM PGEMLTKESE TVLDFLLMLC SVGQHYPGFE TDIHGAKQDE DGVYRVRVLK MAG
Source	Yeast
Target Names	IdcC
Protein Names	Recommended name: Lysine decarboxylase, constitutive Short name= LDC EC= 4.1.1.18
Expression Region	1-713
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

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