



# Recombinant Escherichia coli Constitutive lysine decarboxylase (IdcC)

<b>Product Code</b>	CSB-MP345171ENV
<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>	P52095
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 ILGGIPRREF TRDSIEEKVA ATTQAQWPVH AVITNSTYDG LLYNTDWIKQ TLDVPSIHFD 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 PGEMLTKE SR TVLDFLLMLC SVGQHYPGFE TDIHGAKQDE DGVYRVRVLK MAG
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IdcC
<b>Protein Names</b>	Recommended name: Lysine decarboxylase, constitutive Short name= LDC EC= 4.1.1.18
<b>Expression Region</b>	1-713
<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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