



Recombinant Escherichia coli Constitutive lysine decarboxylase (IdcC) (Active)

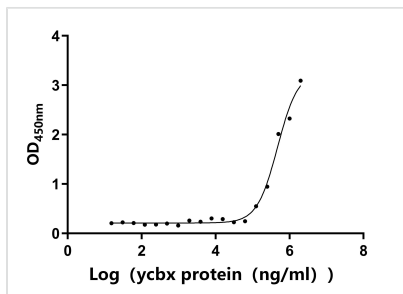
Product Code	CSB-EP345171ENVc7
Relevance	LDC is constitutively but weakly expressed under various conditions.
Abbreviation	Recombinant E.coli IdcC protein (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein 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
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Others
Immunogen Species	Escherichia (strain K12)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized IdcC at 5 µg/ml can bind Escherichia coli ycbX, the EC50 of Escherichia coli ycbX protein is 359.062 - 628.116 µg/ml.
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MNIIAIMGPHGVFYKDEPIKELESALVAQGFQIIWPQNSVDLLKFIEHNPRICGVI FDWDEYSLDLCSDINQLNEYLPLYAFINTHSTMDVSVQDMRMALWFFEYALG QAEDIAIRMRQYTDEYLDNITPPFTKALFTYVKERKYTFCTPGHMGGTAYQKSP VGCLFYDFFGGNTLKADVSI SVTELGSLLDHTGPHLEAEEYIARTFGAEQSYIVT NGTSTSNKIVGMYAAPSGSTLLIDRNCHKSLAHLMMNDVVPVWLKPTRNALG ILGGIPRREFTRDSIEEKVAATTQAQWPVHAVITNSTYDGLLYNTDWIKQTLDV PSIHFDASAWVPYTHFHPIYQGKSGMSGERVAGKVIFETQSTHKMLAALSQASLI HIKGEYDEEAFNEAFMMHTTTSPSYPIVASVETAAMLRGNPGKRLINRSVER ALHFRKEVQRLREESDQWFFDIWQPPQVDEAECWPVAPGEQWHGFNDADA DHMFLDPVKVTILTPGMDEQGNMSEEGIPAALVAKFLDERGIVVEKTGPYNLLF LFSIGIDKTKAMGLLRGLTEFKRSYDLNLRIKNMLPDLYAEDPDFYRNMRIQDLA QGIHKLIRKHDLPGLMLRAFDTLPEMIMTPHQAWQRQIKGEVETIALEQLVGRV SANMILPYPPGVPLLMPGEMLTKESTRVLDLFLMLCSVGQHYPGFETDIHGAK QDEDGVYRVRVLKMAG
Research Area	Others
Source	E.coli
Target Names	IdcC
Expression Region	1-713aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged



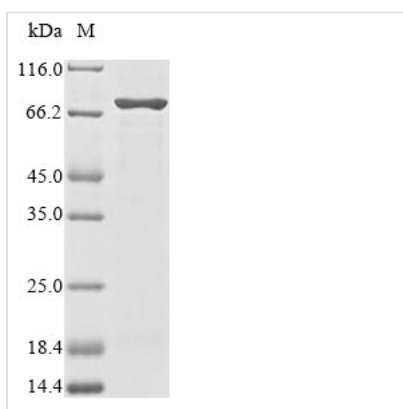
Mol. Weight 81.8 kDa

Protein Length Full Length

Image



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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