

Lysine decarboxylase, constitutive (IdcC) Recombinant Protein | IdcC recombinant protein

Recombinant Escherichia coli Lysine decarboxylase, constitutive (IdcC)

CATALOG # AAA116193	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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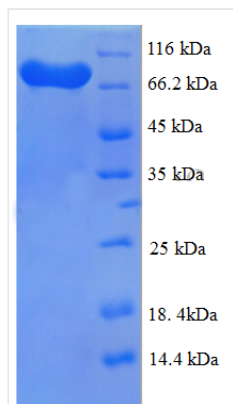
PRODUCT SYNONYMS

Lysine decarboxylase; constitutive (IdcC); Recombinant Escherichia coli Lysine decarboxylase; IdcC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-713aa, Full Length
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 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 DLNLRINML PDLYAEDPDF YRNMRIQDLA QGIHKLIRKH DLPGLMLRAF DTLPEMIMTP HQAWQRQIKG EVETIALEQL VGRVSANMIL PYPPGVPLLM PGEMLTKESR TVLDFLLMLC SVGQHYPGFE TDIHGAKQDE DGVYRVRVLK MAG
Sequence Length	713
Species	Escherichia coli (strain K12)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ldcC recombinant protein	LDC is constitutively but weakly expressed under various conditions.
References	Characterization of a second lysine decarboxylase isolated from Escherichia coli.Kikuchi Y., Kojima H., Tanaka T., Takatsuka Y., Kamio Y.J. Bacteriol. 179:4486-4492(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128179
NCBI GeneID	944887
NCBI Accession #	NP_414728.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P52095; P78299
Molecular Weight	84.6 kDa
NCBI Official Full Name	lysine decarboxylase 2, constitutive
NCBI Official Symbol	ldcC
NCBI Official Synonym Symbols	ECK0185; JW0181; ldc; LDC2; ldcH
NCBI Protein Information	lysine decarboxylase 2, constitutive
UniProt Protein Name	Constitutive lysine decarboxylase
UniProt Gene Name	ldcC
UniProt Synonym Gene Names	ldc; ldcH; LDC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ldcc-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116193>