

UDP-3-O-acyl-N-acetylglucosamine deacetylase (IpxC) Recombinant Protein | IpxC recombinant protein

Recombinant Escherichia coli UDP-3-O-acyl-N-acetylglucosamine deacetylase (IpxC)

CATALOG # AAA18577	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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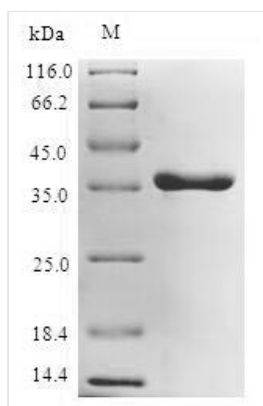
PRODUCT SYNONYMS

UDP-3-O-acyl-N-acetylglucosamine deacetylase (IpxC); Recombinant Escherichia coli UDP-3-O-acyl-N-acetylglucosamine deacetylase (IpxC); Protein envA; UDP-3-O-acyl-GlcNAc deacetylase; IpxC 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	1-305. Full Length
Sequence	MIKQRTLKRI VQATGVGLHT GKKVTLTRP APANTGVIYR RTDLNPPVDF PDAKSVRDT MLCTCLVNEH DVRISTVEHL NAALAGLGID NIVIEVNAPE IPIMDGSAAP FVYLLLDAGI DELNCAKKFV RIKETVRVED GDKWAEFKPY NGFSLDFTID FNHPAIDSSN QRYAMNFSAD AFMRQISRAR TFGFMRDIEY LQSRGLCLGG SFDCAIVVDD YRVLNEDGLR FEDEFVRHKM LDAIGDLFMC GHNIIGAFTA YKSGHALNNK LLQAVLAKQE AWEYVTFQDD AELPLAFKAP SAVLA
Species	Escherichia coli (strain K12)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IpxC recombinant protein	The key enzyme in the biosynthesis of lipid A, a phosphorylated glycolipid that anchors the lipopolysaccharide to the outer membrane of the cell. Degraded by FtsH; when the activity of FtsH is reduced too much lipid A and not enough phospholipids are made (both pathways use the same precursor), which is lethal.
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References	"Sequence analysis, transcriptional organization, and insertional mutagenesis of the envA gene of Escherichia coli." Beall B., Lutkenhaus J. J. Bacteriol. 169:5408-5415(1987)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16128089
NCBI GeneID	944816
NCBI Accession #	NP_414638.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A725; P07652
Molecular Weight	38.0 kDa
NCBI Official Full Name	UDP-3-O-acyl N-acetylglucosamine deacetylase
NCBI Official Symbol	lpxC
NCBI Official Synonym Symbols	asmB; ECK0097; envA; JW0094
NCBI Protein Information	UDP-3-O-acyl N-acetylglucosamine deacetylase
UniProt Protein Name	UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase
UniProt Gene Name	lpxC
UniProt Synonym Gene Names	asmB; envA
UniProt Entry Name	LPXC_ECOLI

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/lpxc-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18577>