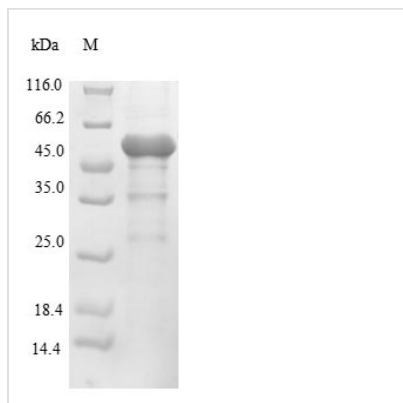




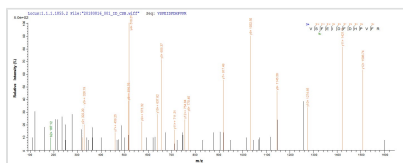
Recombinant Pseudomonas aeruginosa UDP-3-O-acyl-N-acetylglucosamine deacetylase (lpxC)

Product Code	CSB-EP409457PZL
Relevance	Catalyzes the hydrolysis of UDP-3-O-myristoyl-N-acetylglucosamine to form UDP-3-O-myristoylglucosamine and acetate, the committed step in lipid A biosynthesis.
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.	A6VB79
Alias	UDP-3-O-[R-3-hydroxymyristoyl]-N-acetylglucosamine deacetylase
Product Type	Recombinant Protein
Immunogen Species	Pseudomonas aeruginosa (strain PA7)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MIKQRTLKNIIRATGVGLHSGEKVYLTLKPAPVDTGIVFCRTDLDPVVEIPARAE NVGETTMSTTLVKGDVKVDTVEHLLSAMAGLGIDNAYVELSASEVPIMDGSAG PFVFLIQSAGLQEQEAACKFIRIKREVSVEEGDKRAVFVPFDGFKVSFEIDFDHP VFRGRTQQASVDFSSTSFVKEVSRARTFGFMRDIEYLRSQLALGGSVENAIV VDENRVLNEDGLRYEDEFVKHKILDAIGDLYLLGNLIGEFRGFKSGHALNNQL LRSLIADRDAWEVVTTFEDARTAPISYMRPAAAV
Lead Time	3-7 business days
Research Area	Signal Transduction
Source	E.coli
Gene Names	lpxC
Protein Names	Recommended name: UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase EC= 3.5.1.-Alternative name(s): UDP-3-O-acyl-GlcNAc deacetylase
Expression Region	1-303aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	53.4kDa
Protein Description	Full Length

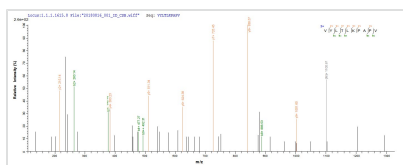
Image



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP409457PZL could indicate that this peptide derived from E.coli-expressed *Pseudomonas aeruginosa* (strain PA7) lpxC.



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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.