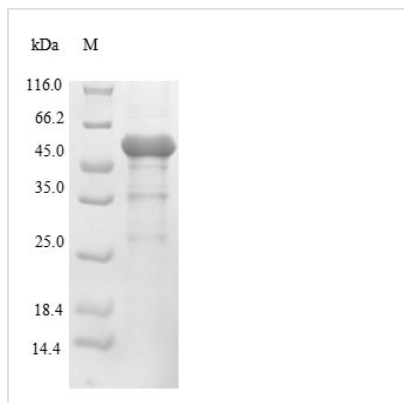


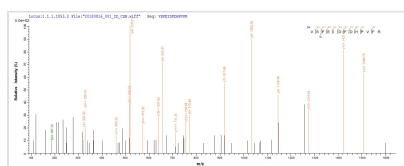


Recombinant Pseudomonas aeruginosa UDP-3-O-acyl-N-acetylglucosamine deacetylase (IpxC)

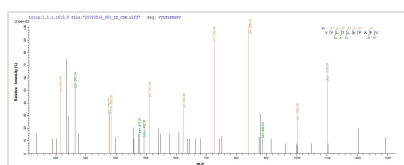
Product Code	CSB-EP409457PZL
Relevance	Catalyzes the hydrolysis of UDP-3-O-myristoyl-N-acetylglucosamine to form UDP-3-O-myristoylglucosamine and acetate, the committed step in lipid A biosynthesis.
Abbreviation	Recombinant Pseudomonas aeruginosa IpxC protein
Storage	The shelf life is related to many 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	≥ 90% as determined by SDS-PAGE.
Sequence	MIKQRTLKNIIRATGVGLHSGEKVYLTLPAPVDTGIVFCRTDLDPVVEIPARAE NVGETTMSTTLVKGDVKVDTVEHLLSAMAGLGIDNAYVELSASEVPIMDGSAG PFVFLIQSAGLQEQEAKKFIRIKREVSVEEGDKRAVFPFDGFKVSFEIDFDHP VFRGRTQQASVDFSSTSFVKEVSRARTFGFMRDIEYLRSQLALGGSVENAIV VDENRVLNEDGLRYEDEFVKHKILDAIGDLYLLGNLIGEFRGFKSGHALNNQL LRSLIADRDAWEVVTTFEDARTAPISYMRPAAAV
Research Area	Signal Transduction
Source	E.coli
Target Names	IpxC
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 Length	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.



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.

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.

Shelf Life

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.