



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

Product Code	CSB-EP342468EZC
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 <i>Pseudomonas aeruginosa</i> 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.	P47205
Alias	UDP-3-O-[R-3-hydroxymyristoyl]-N-acetylglucosamine deacetylase
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas aeruginosa</i> (strain ATCC 15692 / DSM 22644 / CIP 104116 / JCM 14847 / LMG 12228 / 1C / PRS 101 / PAO1)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MIKQRTLKNIIRATGVGLHSGEKVYLTLPAPVDTGIVFCRTDLDPVVEIPARAE NVGETTMSTTLVKGDVKVDTVEHLLSAMAGLGIDNAYVELSASEVPIMDGSAG PFVFLIQSAGLQEQEAAKKFIRIKREVSVVEEGDKRAVFPFDGFKVSFEIDFDHP VFRGRTQQASVDFSSTSFVKEVSRARTFGFMRDIEYLRSQLALGGSVENAIV VDENRVLNEDGLRYEDEFVKHKILDAIGDLYLLGNLIGEFRGFKSGHALNNQL LRTLADKDAWEVVTTFEDARTAPISYMRPAAAV
Research Area	Signal Transduction
Source	<i>E. coli</i>
Target Names	IpxC
Protein Names	Recommended name: UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase EC= 3.5.1.- Alternative name(s): Protein envA 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 6xHis-SUMO-tagged
Mol. Weight	49.4kDa
Protein Length	Full Length
Image	

