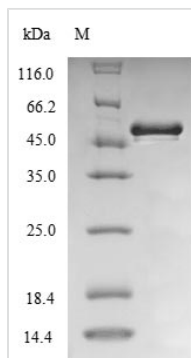




Recombinant Burkholderia cenocepacia UDP-3-O-acyl-N-acetylglucosamine deacetylase (lpxC)

Product Code	CSB-EP451740BXS
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 Burkholderia cenocepacia lpxC 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.	B4E5Y5
Alias	UDP-3-O-[R-3-hydroxymyristoyl]-N-acetylglucosamine deacetylase
Product Type	Recombinant Protein
Immunogen Species	Burkholderia cenocepacia (strain ATCC BAA-245 / DSM 16553 / LMG 16656 / NCTC 13227 / J2315 / CF5610) (Burkholderia cepacia (strain J2315))
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MLKQRTIKSIVKTVGIGVHSGRKIELTLRPAAPGTGIVFSRVLDLPTVPDIPASAM SIGDTRLASVLQKDGVRVSTVEHLMSACAGLGIDNLYVDVTAEIPIMDGSAAT FVFLIQSAGIEEQNAPKRFIKVKKPVEIRDGDKFARLDPYFGFKLKFSIDFRHPA VDKTGQELEVDFATTSYVREIARARTFGFAHEAEMLEIGLARGGSMDNAIVL DEYRILNNDGLRYDDEFVKHKMLDAIGDLYVIGHPLLASYTAYKSGHGLNNALL RELLAHEDAYEIVTFDDPQAAPKGFAFDAQTAF
Research Area	others
Source	E.coli
Target 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	1-305aa
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 and C-terminal Myc-tagged
Mol. Weight	51.0kDa
Protein Length	Full Length
Image	



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

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.