Creative Enzymes®

UDP-3-O-acyl-N-acetylglucosamine deacetylase

Cat. No. EXWM-4387

Lot. No. (See product label)

Introduction

Description	A zinc protein. The enzyme catalyses a committed step in the biosynthesis of lipid A.
Synonyms	LpxC protein; LpxC enzyme; LpxC deacetylase; deacetylase LpxC; UDP-3-O-acyl-GlcNAc deacetylase; UDP-3-O-((R)-3-hydroxymyristoyl)-N-acetylglucosamine deacetylase; UDP-(3-O-acyl)-N-acetylglucosamine deacetylase; UDP-3-O-(R-3-hydroxymyristoyl)-N-acetylglucosamine deacetylase; UDP-(3-O-(R-3-hydroxymyristoyl))-N-acetylglucosamine deacetylase; UDP-3-O-[(3R)-3-hydroxymyristoyl]-N-acetylglucosamine amidohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.108
Reaction	UDP-3-O-[(3R)-3-hydroxymyristoyl]-N-acetyl-α-D-glucosamine + H2O = UDP-3-O-[(3R)-3-hydroxymyristoyl]-α-D-glucosamine + acetate
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.