

## 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**  $\text{UDP-3-O-}[(3R)\text{-3-hydroxymyristoyl}]\text{-N-acetyl-}\alpha\text{-D-glucosamine} + \text{H}_2\text{O} = \text{UDP-3-O-}[(3R)\text{-3-hydroxymyristoyl}]\text{-}\alpha\text{-D-glucosamine} + \text{acetate}$

**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 °C for short term. For long term storage, store it at -20 °C~-80 °C.