

UDP-2,3-diacylglucosamine diphosphatase

Cat. No. EXWM-4626

Lot. No. (See product label)

Introduction

Description The enzyme catalyses a step in the biosynthesis of lipid A.

Synonyms UDP-2,3-diacylglucosamine hydrolase; UDP-2,3-diacylglucosamine pyrophosphatase; ybbF (gene name); lpxH (gene name); UDP-2,3-bis[(3R)-3-hydroxymyristoyl]- α -D-glucosamine 2,3-bis[(3R)-3-hydroxymyristoyl]- β -D-glucosaminy] 1-phosphate phosphohydrolase (incorrect)

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.6.1.54

Reaction UDP-2-N,3-O-bis[(3R)-3-hydroxytetradecanoyl]- α -D-glucosamine + H₂O = 2-N,3-O-bis[(3R)-3-hydroxytetradecanoyl]- α -D-glucosaminy] 1-phosphate + UMP

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.