

Kdo2-lipid IVA lauroyltransferase

Cat. No. EXWM-2190

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Escherichia coli*, is involved in the biosynthesis of the phosphorylated outer membrane glycolipid lipid A.

Synonyms

LpxL; htrB (gene name); dodecanoyl-[acyl-carrier protein]: α -Kdo-(2 \rightarrow 4)- α -Kdo-(2 \rightarrow 6)-lipid IVA O-dodecanoyltransferase; lauroyl-[acyl-carrier protein]:Kdo2-lipid IVA O-lauroyltransferase; (Kdo)2-lipid IVA lauroyltransferase; α -Kdo-(2 \rightarrow 4)- α -(2 \rightarrow 6)-lipid IVA lauroyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.241

Reaction

a dodecanoyl-[acyl-carrier protein] + Kdo2-lipid IVA = dodecanoyl-Kdo2-lipid IVA + an [acyl-carrier protein]

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.