

## lauroyl-Kdo2-lipid IVA myristoyltransferase

Cat. No. EXWM-2192

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

MsbB acyltransferase; lpxM (gene name); myristoyl-[acyl-carrier protein]: $\alpha$ -Kdo-(2 $\rightarrow$ 4)- $\alpha$ -Kdo-(2 $\rightarrow$ 6)-(dodecanoyl)-lipid IVA O-myristoyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.1.243

#### Reaction

a tetradecanoyl-[acyl-carrier protein] + dodecanoyl-Kdo2-lipid IVA = dodecanoyl-(tetradecanoyl)-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.