

## Kdo2-lipid A phosphoethanolamine 7''-transferase

Cat. No. EXWM-3342

Lot. No. (See product label)

### Introduction

#### Description

The enzyme has been characterized from the bacterium Escherichia coli. It is activated by  $\text{Ca}^{2+}$  ions and is silenced by the sRNA MgrR.

#### Synonyms

eptB (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.8.42

#### Reaction

(1) diacylphosphatidylethanolamine +  $\alpha$ -D-Kdo-(2→4)- $\alpha$ -D-Kdo-(2→6)-lipid A = diacylglycerol + 7-O-[2-aminoethoxy(hydroxy)phosphoryl]- $\alpha$ -D-Kdo-(2→4)- $\alpha$ -D-Kdo-(2→6)-lipid A; (2) diacylphosphatidylethanolamine +  $\alpha$ -D-Kdo-(2→4)- $\alpha$ -D-Kdo-(2→6)-lipid IVA = diacylglycerol + 7-O-[2-aminoethoxy(hydroxy)phosphoryl]- $\alpha$ -D-Kdo-(2→4)- $\alpha$ -D-Kdo-(2→6)-lipid IVA

#### 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.