

## 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]: $\alpha$ -Kdo-(2→4)- $\alpha$ -Kdo-(2→6)-lipid IVA O-dodecanoyltransferase; lauroyl-[acyl-carrier protein]:Kdo2-lipid IVA O-lauroyltransferase; (Kdo)2-lipid IVA lauroyltransferase;  $\alpha$ -Kdo-(2→4)- $\alpha$ -(2→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.