

Kdo2-lipid IVA palmitoleoyltransferase

Cat. No. EXWM-2191

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Escherichia coli*, is induced upon cold shock and is involved in the formation of a cold-adapted variant of the outer membrane glycolipid lipid A.

Synonyms

LpxP; palmitoleoyl-acyl carrier protein-dependent acyltransferase; cold-induced palmitoleoyl transferase; palmitoleoyl-[acyl-carrier protein]:Kdo2-lipid IVA O-palmitoleoyltransferase; (Kdo)2-lipid IVA palmitoleoyltransferase; α -Kdo-(2→4)- α -(2→6)-lipid IVA palmitoleoyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.242

Reaction

a (9Z)-hexadec-9-enoyl-[acyl-carrier protein] + Kdo2-lipid IVA = (9Z)-hexadec-9-enoyl-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.