

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 Ca²⁺ 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 + α -D-Kdo-(2→4)- α -D-Kdo-(2→6)-lipid A = diacylglycerol + 7-O-[2-aminoethoxy(hydroxy)phosphoryl]- α -D-Kdo-(2→4)- α -D-Kdo-(2→6)-lipid A; (2) diacylphosphatidylethanolamine + α -D-Kdo-(2→4)- α -D-Kdo-(2→6)-lipid IVA = diacylglycerol + 7-O-[2-aminoethoxy(hydroxy)phosphoryl]- α -D-Kdo-(2→4)- α -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.