

TDP-N-acetylfucosamine:lipid II N-acetylfucosaminyltransferase

Cat. No. EXWM-2562

Lot. No. (See product label)

Introduction

Description

Involved in the enterobacterial common antigen (ECA) biosynthesis in the bacterium Escherichia coli. The trisaccharide of the product (lipid III) is the repeat unit of ECA.

Synonyms

TDP-Fuc4NAc:lipid II Fuc4NAc-transferase; TDP-Fuc4NAc:lipid II Fuc4NAc transferase; wecF (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.325

Reaction

dTDP-4-acetamido-4,6-dideoxy- α -D-galactose + N-acetyl- β -D-mannosaminouronyl-(1 \rightarrow 4)-N-acetyl- α -D-glucosaminyl-diphospho-ditrans,octacis-undecaprenol = dTDP + 4-acetamido-4,6-dideoxy- α -D-galactosyl-(1 \rightarrow 4)-N-acetyl- β -D-mannosaminouronyl-(1 \rightarrow 4)-N-acetyl- α -D-glucosaminyl-diphospho-ditrans,octacis-undecaprenol

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.