

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.