Creative Enzymes®

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→4)-N-acetyl-α-D-glucosaminyl-diphospho-ditrans,octacis-undecaprenol = dTDP + 4-acetamido-4,6-dideoxy-α-D-galactosyl-(1→4)-N-acetyl-β-D-mannosaminouronyl-(1→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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.