

N-acetylglucosaminyl diphosphoundecaprenol N-acetyl-β-D-mannosaminyltransferase

Cat. No. EXWM-2413

Lot. No. (See product label)

Introduction

Description

Involved in the biosynthesis of teichoic acid linkage units in bacterial cell walls.

Synonyms

uridine diphosphoacetyl-mannosamineacetylglucosaminylpyrophosphorylundecaprenol acetylmannosaminyltransferase; N-acetylmannosaminyltransferase; UDP-N-acetylmannosamine:N-acetylglucosaminyl diphosphorylundecaprenol N-acetylmannosaminyltransferase; UDP-N-acetyl-D-mannosamine:N-acetyl-β-D-glucosaminyl diphosphoundecaprenol β-1,4-N-acetylmannosaminyltransferase; UDP-N-acetyl-D-mannosamine:N-acetyl-β-D-glucosaminyl diphosphoundecaprenol 4-β-N-acetylmannosaminyltransferase; tagA (gene name); tarA (gene name); UDP-N-acetyl-α-D-mannosamine:N-acetyl-β-D-glucosaminyl-diphospho-ditrans,octakis-undecaprenol 4-β-N-acetylmannosaminyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.187

CAS No.

118731-82-1

Reaction

UDP-N-acetyl-α-D-mannosamine + N-acetyl-α-D-glucosaminyl-diphospho-ditrans,octakis-undecaprenol = UDP + N-acetyl-β-D-mannosaminyl-(1→4)-N-acetyl-α-D-glucosaminyl-diphospho-ditrans,octakis-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.