Creative Enzymes®

N-acetylglucosaminyldiphosphoundecaprenol 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-glucosaminyldiphosphoundecaprenol β-1,4-N-acetylmannosaminyltransferase; UDP-N-acetyl-D-mannosamine:N-acetyl-β-D-glucosaminyldiphosphoundecaprenol 4-β-N-acetylmannosaminyltransferase; tagA (gene name); tarA (gene name); UDP-N-acetyl-α-D-mannosamine:N-acetyl-β-D-glucosaminyl-diphospho-ditrans,octacis-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,octacis-undecaprenol = UDP + N-acetyl-β-D-mannosaminyl-(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 ℃.