

tritrans, polycis-undecaprenyl-diphosphate synthase [geranylgeranyl-diphosphate specific]

Cat. No. EXWM-2827

Lot. No. (See product label)

Introduction

Description

This enzyme is involved in the biosynthesis of the glycosyl carrier lipid in some archaeobacteria. Unlike EC 2.5.1.31, its counterpart in most bacteria, it prefers geranylgeranyl diphosphate to farnesyl diphosphate as the allylic substrate, resulting in production of a tritrans, polycis variant of undecaprenyl diphosphate.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.89

Reaction

geranylgeranyl diphosphate + 7 isopentenyl diphosphate = 7 diphosphate + tritrans, heptacis-undecaprenyl diphosphate

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.