

trans,polycis-polyprenyl diphosphate synthase [(2Z,6E)-farnesyl diphosphate specific]

Cat. No. EXWM-2826

Lot. No. (See product label)

Introduction

Description

Highest activity with (2Z,6E)-farnesyl diphosphate as allylic substrate. Broad product specificity with the major product being dodecaprenyl diphosphate. Synthesizes even C70 prenyl diphosphate as the maximum chain-length product.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.88

Reaction

(2Z,6E)-farnesyl diphosphate + n isopentenyl diphosphate = n diphosphate + trans,polycis-polyprenyl diphosphate (n = 9–11)

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.