Creative Enzymes®

trans,polycis-decaprenyl diphosphate synthase

Cat. No. EXWM-2824

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the biosynthesis of decaprenyl phosphate, which plays a central role in the biosynthesis of essential mycobacterial cell wall components, such as the mycolyl-arabinogalactan-peptidoglycan complex and lipoarabinomannan.
Synonyms	Rv2361c; (2Z,6Z,10Z,14Z,18Z,22Z,26Z,30Z,34E)-decaprenyl diphosphate synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.86
Reaction	(2Z,6E)-farnesyl diphosphate + 7 isopentenyl diphosphate = 7 diphosphate + trans,octacis-decaprenyl 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.