

## undecaprenyl-diphosphate phosphatase

Cat. No. EXWM-4611

Lot. No. (See product label)

### Introduction

#### Description

Isolated from the bacteria *Micrococcus lysodeikticus*, *Escherichia coli* and *Bacillus subtilis*. The product of the reaction, ditrans,octakis-undecaprenyl phosphate, is essential for cell wall polysaccharide biosynthesis in these strains.

#### Synonyms

C55-isoprenyl diphosphatase; C55-isoprenyl pyrophosphatase; isoprenyl pyrophosphatase (ambiguous); undecaprenyl pyrophosphate phosphatase; undecaprenyl pyrophosphate pyrophosphatase; UPP phosphatase; Und-PP pyrophosphatase; UppP (ambiguous); BacA; undecaprenyl-diphosphate phosphohydrolase; undecaprenyl-diphosphatase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.6.1.27

#### CAS No.

9077-80-9

#### Reaction

ditrans,octakis-undecaprenyl diphosphate + H<sub>2</sub>O = ditrans,octakis-undecaprenyl phosphate + phosphate

#### 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.