

## hexaprenyl-diphosphate synthase [(2E,6E)-farnesyl-diphosphate specific]

Cat. No. EXWM-2821

Lot. No. (See product label)

### Introduction

**Description** The enzyme prefers farnesyl diphosphate to geranylgeranyl diphosphate as an allylic substrate and does not show activity for geranyl diphosphate and dimethylallyl diphosphate.

**Synonyms** HexPS (ambiguous); hexaprenyl pyrophosphate synthetase (ambiguous); hexaprenyl diphosphate synthase (ambiguous)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.5.1.83

**Reaction** (2E,6E)-farnesyl diphosphate + 3 isopentenyl diphosphate = 3 diphosphate + all-trans-hexaprenyl 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.