

hexaprenyl diphosphate synthase [geranylgeranyl-diphosphate specific]

Cat. No. EXWM-2820

Lot. No. (See product label)

Introduction

Description The enzyme prefers geranylgeranyl diphosphate to farnesyl diphosphate as an

allylic substrate and does not show activity for geranyl diphosphate and

dimethylallyl diphosphate. Requires Mg2+.

Synonyms HexPS(ambiguous); (all-E) hexaprenyl diphosphate synthase; (all-trans) hexaprenyl

diphosphate synthase; hexaprenyl pyrophosphate synthase (ambiguous); HexPPs

1/1

(ambiguous); hexaprenyl diphosphate synthase (ambiguous)

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.5.1.82

Reaction geranylgeranyl diphosphate + 2 isopentenyl diphosphate = 2 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 \sim -80 °C.

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