

hydroxysqualene dehydroxylase

Cat. No. EXWM-1100

Lot. No. (See product label)

Introduction

Description

This enzyme, isolated from the bacteria *Rhodopseudomonas palustris* and *Zymomonas mobilis*, participates, along with EC 2.5.1.103, presqualene diphosphate synthase, and EC 4.2.3.156, hydroxysqualene synthase, in the conversion of all-trans-farnesyl diphosphate to squalene. Eukaryotes achieve the same goal in a single step, catalysed by EC 2.5.1.21, squalene synthase.

Synonyms

hpnE (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.17.8.1

Reaction

squalene + FAD + H₂O = hydroxysqualene + FADH₂

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.