Creative Enzymes®

hydroxysqualene synthase

Cat. No. EXWM-5171

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 1.17.8.1, hydroxysqualene dehydroxylase, 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	hpnC (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.156
Reaction	presqualene diphosphate + H2O = hydroxysqualene + 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 ℃.