

acetoacetyl-CoA synthase

Cat. No. EXWM-2137

Lot. No. (See product label)

Introduction

Description

The enzyme from the soil bacterium *Streptomyces* sp. CL190 produces acetoacetyl-CoA to be used for mevalonate production via the mevalonate pathway. Unlike the homologous EC 2.3.1.180 (β -ketoacyl-[acyl-carrier-protein] synthase III), this enzyme does not accept malonyl-[acyl-carrier-protein] as a substrate.

Synonyms

NphT7

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.194

Reaction

acetyl-CoA + malonyl-CoA = acetoacetyl-CoA + CoA + CO₂

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.