Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.