Creative Enzymes®

hydroxymethylglutaryl-CoA lyase

Cat. No. EXWM-4916

Lot. No. (See product label)

Introduction

Description	3-hydroxy-3-methylglutaryl-CoA lyase (or HMG-CoA lyase) is an enzyme that in human is encoded by the HMGCL gene located on chromosome 1. It is a key enzyme in ketogenesis (ketone body formation).
Synonyms	hydroxymethylglutaryl coenzyme A-cleaving enzyme; hydroxymethylglutaryl coenzyme A lyase; 3-hydroxy-3-methylglutaryl coenzyme A lyase; 3-hydroxy-3-methylglutaryl CoA cleaving enzyme; 3-hydroxy-3-methylglutaryl-CoA lyase; (S)-3-hydroxy-3-methylglutaryl-CoA acetoacetate-lyase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.3.4
CAS No.	9030-83-5
Reaction	(S)-3-hydroxy-3-methylglutaryl-CoA = acetyl-CoA + acetoacetate
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 ℃.