Creative Enzymes®

biotin-[methylmalonyl-CoA-carboxytransferase] ligase

Cat. No. EXWM-5801

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, specifically those forming generic carbon-nitrogen bonds. This enzyme participates in biotin metabolism.
Synonyms	biotin-[methylmalonyl-CoA-carboxyltransferase] synthetase; biotin-methylmalonyl coenzyme A carboxyltransferase synthetase; biotin-transcarboxylase synthetase; methylmalonyl coenzyme A holotranscarboxylase synthetase; biotin-[methylmalonyl-CoA-carboxyltransferase] ligase; biotin:apo[methylmalonyl-CoA:pyruvate carboxyltransferase] ligase (AMP-forming)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.4.9
CAS No.	37318-66-4
Reaction	ATP + biotin + apo-[methylmalonyl-CoA:pyruvate carboxytransferase] = AMP + diphosphate + [methylmalonyl-CoA:pyruvate carboxytransferase]
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 ℃.