

## biotin-[methylcrotonoyl-CoA-carboxylase] ligase

Cat. No. EXWM-5780

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-[methylcrotonoyl-CoA-carboxylase] synthetase; biotin-β-methylcrotonyl coenzyme A carboxylase synthetase; β-methylcrotonyl coenzyme A holocarboxylase synthetase; holocarboxylase-synthetase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.3.4.11

**CAS No.** 37318-68-6

**Reaction** ATP + biotin + apo-[3-methylcrotonoyl-CoA:carbon-dioxide ligase (ADP-forming)] = AMP + diphosphate + [3-methylcrotonoyl-CoA:carbon-dioxide ligase (ADP-forming)]

**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.