

## biotin carboxylase

Cat. No. EXWM-5783

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 fatty acid biosynthesis.

#### Synonyms

biotin carboxylase (component of acetyl CoA carboxylase)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 6.3.4.14

#### CAS No.

9075-71-2

#### Reaction

ATP + biotin-carboxyl-carrier protein + HCO<sub>3</sub><sup>-</sup> = ADP + phosphate + carboxybiotin-carboxyl-carrier protein

#### 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.