

## 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**  $\text{ATP} + \text{biotin-carboxyl-carrier protein} + \text{HCO}_3^- = \text{ADP} + \text{phosphate} + \text{carboxybiotin-carboxyl-carrier protein}$

**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.