

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.