

L-carnitine CoA-transferase

Cat. No. EXWM-3417

Lot. No. (See product label)

Introduction

Description

The enzyme is found in gammaproteobacteria such as *Proteus* sp. and *Escherichia coli*. It has similar activity with both substrates.

Synonyms

CaiB; crotonobetainyl/γ-butyrobetainyl-CoA:carnitine CoA-transferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.8.3.21

Reaction

(1) (E)-4-(trimethylammonio)but-2-enoyl-CoA + L-carnitine = (E)-4-(trimethylammonio)but-2-enoate + L-carnitiny-CoA; (2) 4-trimethylammoniobutanoyl-CoA + L-carnitine = 4-trimethylammoniobutanoate + L-carnitiny-CoA

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.