Creative Enzymes®

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-carnitinyl-CoA; (2) 4-trimethylammoniobutanoyl-CoA + L-carnitine = 4-trimethylammoniobutanoate + L-carnitinyl-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.