Creative Enzymes®

carnitine O-palmitoyltransferase

Cat. No. EXWM-2155

Lot. No. (See product label)

Introduction

Description	Broad specificity to acyl group, over the range C8 to C18; optimal activity with palmitoyl-CoA. cf. EC 2.3.1.7 carnitine O-acetyltransferase and EC 2.3.1.137 carnitine O-octanoyltransferase.
Synonyms	CPT; CPTo; outer malonyl-CoA inhibitable carnitine palmitoyltransferase; CPTi; CPT I (outer membrane carnitine palmitoyl transferase); carnitine palmitoyltransferase I; carnitine palmitoyltransferase II; CPT-A; CPT-B; acylcarnitine transferase; carnitine palmitoyltransferase; carnitine palmitoyltransferase-A; L-carnitine palmitoyltransferase; palmitoylcarnitine transferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.21
CAS No.	9068-41-1
Reaction	palmitoyl-CoA + L-carnitine = CoA + L-palmitoylcarnitine
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 ℃.