Creative Enzymes®

citrate (Re)-synthase

Cat. No. EXWM-2319

Lot. No. (See product label)

Introduction

Description	This enzyme is inactivated by oxygen and is found in some anaerobes. Its stereospecificity is opposite to that of EC 2.3.3.1, citrate (Si)-synthase.
Synonyms	(R)-citrate synthase; Re-citrate-synthase; citrate oxaloacetate-lyase [(pro-3R)-CH2COO-→acetyl-CoA]

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.3.3
CAS No.	9077-70-7
Reaction	acetyl-CoA + H2O + oxaloacetate = citrate + 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 ℃.