Creative Enzymes®

citrate (Si)-synthase

Cat. No. EXWM-2310

Lot. No. (See product label)

Introduction

Description	The stereospecificity of this enzyme is opposite to that of EC 2.3.3.3, citrate (Re)-synthase, which is found in some anaerobes. Citrate synthase for which the stereospecificity with respect to C2 of oxaloacetate has not been established are included in EC 2.3.3.16, citrate synthase.
Synonyms	(R)-citric synthase; citrate oxaloacetate-lyase [(pro-3S)-CH2COO-→acetyl-CoA]

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.3.1
CAS No.	9027-96-7
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 ℃.