

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.