

## 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)-CH<sub>2</sub>COO→acetyl-CoA]

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.3.3

#### CAS No.

9077-70-7

#### Reaction

acetyl-CoA + H<sub>2</sub>O + 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.