

ATP citrate synthase

Cat. No. EXWM-2324

Lot. No. (See product label)

Introduction

Description

The enzyme can be dissociated into components, two of which are identical with EC 4.1.3.34 (citryl-CoA lyase) and EC 6.2.1.18 (citrate-CoA ligase).

Synonyms

ATP-citric lyase; ATP:citrate oxaloacetate-lyase [(pro-S)-CH₂COO→acetyl-CoA] (ATP-dephosphorylating); acetyl-CoA:oxaloacetate acetyltransferase (isomerizing; ADP-phosphorylating); adenosine triphosphate citrate lyase; citrate cleavage enzyme; citrate-ATP lyase; citric cleavage enzyme; ATP citrate (pro-S)-lyase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.3.8

CAS No.

9027-95-6

Reaction

ADP + phosphate + acetyl-CoA + oxaloacetate = ATP + 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.