Creative Enzymes®

[citrate (pro-3S)-lyase] ligase

Cat. No. EXWM-5680

Lot. No. (See product label)

Introduction

Description	Both this enzyme and EC 2.3.1.49,deacetyl-[citrate-(pro-3S)-lyase] S-acetyltransferase, acetylate and activate EC 4.1.3.6, citrate (pro-3S)-lyase.
Synonyms	citrate lyase ligase; citrate lyase synthetase; acetate: SH-[acyl-carrier-protein] enzyme ligase (AMP); acetate:HS-citrate lyase ligase; acetate:citrate-(pro-3S)-lyase(thiol-form) ligase (AMP-forming)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.2.1.22
CAS No.	52660-22-7
Reaction	ATP + acetate + [citrate (pro-3S)-lyase](thiol form) = AMP + diphosphate + [citrate (pro-3S)-lyase](acetyl form)
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 ℃.