

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