

## [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**  $\text{ATP} + \text{acetate} + [\text{citrate (pro-3S)-lyase}](\text{thiol form}) = \text{AMP} + \text{diphosphate} + [\text{citrate (pro-3S)-lyase}](\text{acetyl form})$

**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.