

## acetone carboxylase

Cat. No. EXWM-5817

Lot. No. (See product label)

### Introduction

**Description** Requires Mg<sup>2+</sup> and ATP. The enzyme from Xanthobacter sp. strain Py2 also carboxylates butan-2-one to 3-oxopentanoate.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.4.1.6

**CAS No.** 189258-15-9

**Reaction** acetone + CO<sub>2</sub> + ATP + 2 H<sub>2</sub>O = acetoacetate + AMP + 2 phosphate

**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.