

## acetophenone carboxylase

Cat. No. EXWM-5819

Lot. No. (See product label)

### Introduction

#### Description

The enzyme is involved in anaerobic degradation of ethylbenzene. No activity with acetone, butanone, 4-hydroxy-acetophenone or 4-amino-acetophenone.

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 6.4.1.8

#### Reaction

$2 \text{ ATP} + \text{acetophenone} + \text{HCO}_3^- + \text{H}_2\text{O} + \text{H}^+ = 2 \text{ ADP} + 2 \text{ phosphate} + 3\text{-oxo-3-phenylpropanoate}$

#### 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.