Creative Enzymes®

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 ATP + acetophenone + HCO3- + H2O + H+ = 2 ADP + 2 phosphate + 3-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.