Creative Enzymes®

acetone monooxygenase (methyl acetate-forming)

Cat. No. EXWM-0829

Lot. No. (See product label)

Introduction

Description	Contains FAD. The enzyme, characterized from the bacterium Gordonia sp. TY-5, is a Baeyer-Villiger type monooxygenase and participates in a propane utilization pathway.
Synonyms	acmA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.226
Reaction	acetone + NADPH + H+ + O2 = methyl acetate + NADP+ + H2O
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 ℃.