Creative Enzymes®

propane 2-monooxygenase

Cat. No. EXWM-0830

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from several bacterial strains, is a multicomponent dinuclear iron monooxygenase that includes a hydroxylase, an NADH-dependent reductase, and a coupling protein. The enzyme has several additional activities, including acetone monooxygenase (acetol-forming) and phenol 4-monooxygenase.
Synonyms	prmABCD (gene names)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.227
Reaction	propane + NADH + H+ + O2 = propan-2-ol + NAD+ + 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 ℃.