

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.