

## 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<sup>+</sup> + O<sub>2</sub> = propan-2-ol + NAD<sup>+</sup> + H<sub>2</sub>O

#### 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.