

## long-chain alkane monooxygenase

Cat. No. EXWM-0925

Lot. No. (See product label)

### Introduction

**Description** The enzyme, characterized from the bacterium *Geobacillus thermodenitrificans* NG80-2, is capable of converting alkanes ranging from C15 to C36 into their corresponding primary alcohols. The FMNH<sub>2</sub> cofactor is provided by an FMN reductase.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.14.28

**Reaction** a long-chain alkane + FMNH<sub>2</sub> + O<sub>2</sub> = a long-chain primary alcohol + FMN + 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.