

## polyvinyl-alcohol oxidase

Cat. No. EXWM-0408

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with oxygen as acceptor. The systematic name of this enzyme class is polyvinyl-alcohol:oxygen oxidoreductase. Other names in common use include dehydrogenase, polyvinyl alcohol, and PVA oxidase.

#### Synonyms

dehydrogenase, polyvinyl alcohol; PVA oxidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.3.30

#### CAS No.

119940-13-5

#### Reaction

polyvinyl alcohol + O<sub>2</sub> = oxidized polyvinyl alcohol + H<sub>2</sub>O<sub>2</sub>

#### 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.