

## 3-succinoylsemialdehyde-pyridine dehydrogenase

Cat. No. EXWM-1186

Lot. No. (See product label)

### Introduction

#### Description

The enzyme has been characterized from the soil bacterium *Pseudomonas* sp. HZN6. It participates in the nicotine degradation pathway.

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.2.1.83

#### Reaction

$4\text{-oxo-4-(pyridin-3-yl)butanal} + \text{NADP}^+ + \text{H}_2\text{O} = 4\text{-oxo-4-(pyridin-3-yl)butanoate} + \text{NADPH} + \text{H}^+$

#### 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.