

## 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-oxo-4-(pyridin-3-yl)butanal + NADP<sup>+</sup> + H<sub>2</sub>O = 4-oxo-4-(pyridin-3-yl)butanoate + NADPH + H<sup>+</sup>

**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.