

## 4-hydroxybenzaldehyde dehydrogenase (NADP+)

Cat. No. EXWM-1200

Lot. No. (See product label)

### Introduction

#### Description

Involved in the aerobic pathway for degradation of toluene, 4-methylphenol, and 2,4-xyleneol by several *Pseudomonas* strains. The enzyme is also active with 4-hydroxy-3-methylbenzaldehyde. cf. EC 1.2.1.64, 4-hydroxybenzaldehyde dehydrogenase (NAD+).

#### Synonyms

p-hydroxybenzaldehyde dehydrogenase (ambiguous); pchA (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.2.1.96

#### CAS No.

61229-72-9

#### Reaction

4-hydroxybenzaldehyde + NADP+ + H<sub>2</sub>O = 4-hydroxybenzoate + NADPH + 2 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.