Creative Enzymes®

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-xylenol 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+ + H2O = 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.