

## NAD(P)+ transhydrogenase (Si-specific)

Cat. No. EXWM-1574

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from *Azotobacter vinelandii* is a flavoprotein (FAD). It is Si-specific with respect to both NAD<sup>+</sup> and NADP<sup>+</sup>. Also acts on deamino coenzymes [cf. EC 1.6.1.2 NAD(P)+ transhydrogenase (Re/Si-specific)].

#### Synonyms

pyridine nucleotide transhydrogenase; transhydrogenase; NAD(P)+ transhydrogenase; nicotinamide adenine dinucleotide (phosphate) transhydrogenase; NAD<sup>+</sup> transhydrogenase; NADH transhydrogenase; nicotinamide nucleotide transhydrogenase; NADPH-NAD<sup>+</sup> transhydrogenase; pyridine nucleotide transferase; NADPH-NAD<sup>+</sup> oxidoreductase; NADH-NADP<sup>+</sup>-transhydrogenase; NADPH:NAD<sup>+</sup> transhydrogenase; H<sup>+</sup>-Thase; non-energy-linked transhydrogenase; NADPH:NAD<sup>+</sup> oxidoreductase (B-specific); NAD(P)+ transhydrogenase (B-specific)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.6.1.1

#### CAS No.

9014-18-0

#### Reaction

$\text{NADPH} + \text{NAD}^+ = \text{NADP}^+ + \text{NADH}$

#### 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.