

## indole-3-acetaldehyde reductase (NADH)

Cat. No. EXWM-0093

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is (indol-3-yl)ethanol:NAD<sup>+</sup> oxidoreductase. Other names in common use include indoleacetaldehyde reductase, indole-3-acetaldehyde reductase (NADH), and indole-3-ethanol:NAD<sup>+</sup> oxidoreductase. This enzyme participates in tryptophan metabolism.

#### Synonyms

indoleacetaldehyde reductase; indole-3-acetaldehyde reductase (NADH); indole-3-ethanol:NAD<sup>+</sup> oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.190

#### CAS No.

58875-06-2

#### Reaction

(indol-3-yl)ethanol + NAD<sup>+</sup> = (indol-3-yl)acetaldehyde + NADH + 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.