

## Formate dehydrogenase from Candida boidinii, Recombinant

*Cat. No. NATE-1061 Lot. No.* (See product label)

## Introduction

- **Description** Formate dehydrogenases are a set of enzymes that catalyse the oxidation of formate to carbon dioxide, donating the electrons to a second substrate, such as NAD+ in formate:NAD+ oxidoreductase (EC 1.2.1.2) or to a cytochrome in formate:ferricytochrome-b1 oxidoreductase (EC 1.2.2.1).
- **Synonyms** EC 1.2.1.2; 9028-85-7; formate-NAD oxidoreductase; FDH; FDH I; FDH I; N-FDH; formic hydrogen-lyase; formate hydrogenlyase; hydrogenlyase; NAD-linked formate dehydrogenase; NAD-dependent formate dehydrogenase; formate dehydrogenase (NAD); NAD-formate dehydrogenase; formate benzyl-viologen oxidoreductase; formic acid dehydrogenase

## **Product Information**

Source	Candida boidinii
Form	Liquid
EC Number	EC 1.2.1.2
CAS No.	9028-85-7
Molecular Weight	~ 41kD
Activity	~ 1 U/mg protein
Unit Definition	One Unit is defined as the amount of enzyme required to convert one $\mu$ mole of formic acid to NADH + CO2 per minute in the presence of NAD+ in potassium phosphate buffer at pH 7.6 and 25°C.

Storage and Shipping Information

Storage 4°C