

## Formate Dehydrogenase from Recombinant E. coli

Cat. No. NATE-1783

Lot. No. (See product label)

### Introduction

#### Description

Formate dehydrogenase is involved in the stress response of plants and catalyzes the reduction of NAD<sup>+</sup> to NADH.

#### Synonyms

EC 1.2.1.2; 9028-85-7; formate-NAD oxidoreductase; FDH; FDH I; FDH II; 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

E. coli

#### Form

Powder

#### EC Number

EC 1.2.1.2

#### CAS No.

9028-85-7

#### Purity

5% - 25%

#### Activity

0.5-2.0 u/mg

#### Unit Definition

One unit will oxidize 1.0 micromole of formate to co<sub>2</sub> per minute in the presence of beta-NAD at pH7.6 and 37°C.

### Storage and Shipping Information

#### Storage

0-10°C