

formate dehydrogenase

Cat. No. EXWM-1125

Lot. No. (See product label)

Introduction

Description The enzyme from most aerobic organisms is devoid of redox-active centres but that from the proteobacterium *Methylosinus trichosporium* contains iron-sulfur centres, flavin and a molybdenum centre. Together with EC 1.12.1.2 hydrogen dehydrogenase, forms a system previously known as formate hydrogenlyase.

Synonyms formate-NAD oxidoreductase; 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

Form Liquid or lyophilized powder

EC Number EC 1.2.1.2

CAS No. 9028-85-7

Reaction formate + NAD⁺ = CO₂ + 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.