

NADH Peroxidase from Enterococcus faecalis, Recombinant

Cat. No. NATE-1116

Lot. No. (See product label)

Introduction

Description NADH peroxidase (EC 1.11.1.1), systematically designated by NADH:hydrogen-peroxide oxidoreductase, is an enzyme that catalyzes the reversible conversion of NADH and hydrogen peroxide into NAD⁺ and water.

Synonyms NADH:hydrogen-peroxide oxidoreductase; DPNH peroxidase; NAD peroxidase; diphosphopyridine nucleotide peroxidase; NADH-peroxidase; nicotinamide adenine dinucleotide peroxidase; NADH₂ peroxidase; EC 1.11.1.1

Product Information

Source Enterococcus faecalis

Form Liquid

EC Number EC 1.11.1.1

CAS No. 9032-24-0

Molecular Weight ~ 51kD

Activity 50 U/mg, 500 U/ml

Unit Definition One unit is defined as the amount of enzyme required to produce 1 μmol of NAD⁺ from NADH in a reaction mixture containing 50 mM potassium phosphate buffer, pH 5.5, and 2 mM NADH, at 25 °C.

Storage and Shipping Information

Storage 4°C