Creative Enzymes®

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