Creative Enzymes®

NADH dehydrogenase

Cat. No. EXWM-1601

Lot. No. (See product label)

Introduction

Description	A flavoprotein containing iron-sulfur centres. After preparations have been subjected to certain treatments, cytochrome c may act as an acceptor. Under normal conditions, two protons are extruded from the cytoplasm or the intramitochondrial or stromal compartment. Present in a mitochondrial complex as EC 1.6.5.3, NADH dehydrogenase (ubiquinone).
Synonyms	cytochrome c reductase; type 1 dehydrogenase; β-NADH dehydrogenase dinucleotide; diaphorase; dihydrocodehydrogenase I dehydrogenase; dihydronicotinamide adenine dinucleotide dehydrogenase; diphosphopyridine diaphorase; DPNH diaphorase; NADH diaphorase; NADH hydrogenase; NADH oxidoreductase; NADH-menadione oxidoreductase; reduced diphosphopyridine nucleotide diaphorase; NADH:cytochrome c oxidoreductase; NADH2 dehydrogenase; NADH:(acceptor) oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.6.99.3
CAS No.	9079-67-8
Reaction	NADH + H+ + acceptor = NAD+ + reduced acceptor
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.