

hydrogen dehydrogenase [NAD(P)+]

Cat. No. EXWM-0520

Lot. No. (See product label)

Introduction

Description

A nickel, iron, iron-sulfur protein. The enzyme from the archaeon *Pyrococcus furiosus* is part of a heterotetrameric complex where the α and Δ subunits function as a hydrogenase while the β and γ subunits function as sulfur reductase (EC 1.12.98.4, sulfhydrogenase). Different from EC 1.12.1.3, hydrogen dehydrogenase (NADP+).

Synonyms

hydrogenase II (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.12.1.5

Reaction

$H_2 + NAD(P)^+ = H^+ + NAD(P)H$

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.