

NADH oxidase (H₂O-forming)

Cat. No. EXWM-1586

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD). The bacterium *Streptococcus mutans* contains two distinct NADH oxidases, a H₂O-forming enzyme and a H₂O₂-forming enzyme (cf. EC 1.6.3.3, NADH oxidase (H₂O₂-forming)).

Synonyms

H₂O-forming NADH oxidase; Nox-2

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.6.3.4

Reaction

$2 \text{ NADH} + 2 \text{ H}^+ + \text{O}_2 = 2 \text{ NAD}^+ + 2 \text{ H}_2\text{O}$

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.