

NADH:ubiquinone reductase (Na⁺-transporting)

Cat. No. EXWM-1597

Lot. No. (See product label)

Introduction

Description

An iron-sulfur flavoprotein, containing two covalently bound molecules of FMN, one noncovalently bound FAD, one riboflavin, and one [2Fe-2S] cluster.

Synonyms

Na⁺-translocating NADH-quinone reductase; (Na⁺-NQR)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 7.2.1.1 (Formerly EC 1.6.5.8)

Reaction

$\text{NADH} + \text{H}^+ + \text{ubiquinone} + n \text{Na}^+_{\text{in}} = \text{NAD}^+ + \text{ubiquinol} + n \text{Na}^+_{\text{out}}$

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.