

fumarate reductase (NADH)

Cat. No. EXWM-1329

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-CH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is succinate:NAD⁺ oxidoreductase. Other names in common use include NADH-fumarate reductase, NADH-dependent fumarate reductase, and fumarate reductase (NADH).

Synonyms

NADH-fumarate reductase; NADH-dependent fumarate reductase; fumarate reductase (NADH₂)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.6

CAS No.

9076-99-7

Reaction

succinate + NAD⁺ = fumarate + NADH + 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.