

malate dehydrogenase (quinone)

Cat. No. EXWM-0432

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD). Vitamin K and several other quinones can act as acceptors. Different from EC 1.1.1.37 (malate dehydrogenase (NAD⁺)), EC 1.1.1.82 (malate dehydrogenase (NADP⁺)) and EC 1.1.1.299 (malate dehydrogenase [NAD(P)⁺]).

Synonyms

FAD-dependent malate-vitamin K reductase; malate-vitamin K reductase; (S)-malate:(acceptor) oxidoreductase; L-malate-quinone oxidoreductase; malate:quinone oxidoreductase; malate quinone oxidoreductase; MQO; malate:quinone reductase; malate dehydrogenase (acceptor); FAD-dependent malate dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.5.4

Reaction

(S)-malate + a quinone = oxaloacetate + reduced quinone

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.