

malate dehydrogenase (oxaloacetate-decarboxylating)

Cat. No. EXWM-0298

Lot. No. (See product label)

Introduction

Description Unlike EC 1.1.1.39, malate dehydrogenase (decarboxylating), this enzyme can also decarboxylate oxaloacetate. cf. EC 1.1.1.40, malate dehydrogenase (oxaloacetate-decarboxylating) (NADP+).

Synonyms malic' enzyme (ambiguous); pyruvic-malic carboxylase (ambiguous); NAD+-specific malic enzyme; NAD+-malic enzyme; NAD+-linked malic enzyme

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.38

CAS No. 9080-52-8

Reaction (1) (S)-malate + NAD+ = pyruvate + CO₂ + NADH; (2) oxaloacetate = pyruvate + CO₂

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.