

malate dehydrogenase [NAD(P)+]

Cat. No. EXWM-0208

Lot. No. (See product label)

Introduction

Description This enzyme, which was characterized from the methanogenic archaeon *Methanobacterium thermoautotrophicum*, catalyses only the reduction of oxaloacetate, and can use NAD⁺ and NADP⁺ with similar specific activity. Different from EC 1.1.1.37 (malate dehydrogenase (NAD⁺)), EC 1.1.1.82 (malate dehydrogenase (NADP⁺)) and EC 1.1.5.4 (malate dehydrogenase (quinone)).

Synonyms MdH II, NAD(P)⁺-dependent malate dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.299

Reaction (S)-malate + NAD(P)⁺ = oxaloacetate + NAD(P)H + 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.