Creative Enzymes®

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 dehyrogenase

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.