Creative Enzymes®

malonate-semialdehyde dehydrogenase

Cat. No. EXWM-1120

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the aldehyde or oxo group of donor with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is 3-oxopropanoate:NAD(P)+ oxidoreductase. This enzyme participates in beta-alanine metabolism.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.2.1.15
CAS No.	9028-94-8
Reaction	3-oxopropanoate + NAD(P)+ + H2O = malonate + NAD(P)H + 2 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 ℃.