

alanine dehydrogenase

Cat. No. EXWM-1442

Lot. No. (See product label)

Introduction

Description This enzyme participates in taurine and hypotaurine metabolism and reductive carboxylate cycle (CO₂ fixation).

Synonyms AlaDH; L-alanine dehydrogenase; NAD-linked alanine dehydrogenase; α-alanine dehydrogenase; NAD-dependent alanine dehydrogenase; alanine oxidoreductase; NADH-dependent alanine dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.4.1.1

CAS No. 9029-06-5

Reaction L-alanine + H₂O + NAD⁺ = pyruvate + NH₃ + NADH + 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.