

hydroxypyruvate reductase

Cat. No. EXWM-0365

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is D-glycerate:NADP⁺ 2-oxidoreductase. Other names in common use include beta-hydroxypyruvate reductase, NADH:hydroxypyruvate reductase, and D-glycerate dehydrogenase. This enzyme participates in glycine, serine and threonine metabolism and glyoxylate and dicarboxylate metabolism.

Synonyms β-hydroxypyruvate reductase; NADH:hydroxypyruvate reductase; D-glycerate dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.81

CAS No. 9059-44-3

Reaction D-glycerate + NAD(P)⁺ = hydroxypyruvate + 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.