Creative Enzymes®

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