

## 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<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is D-glycerate:NADP<sup>+</sup> 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)<sup>+</sup> = hydroxypyruvate + NAD(P)H + H<sup>+</sup>

#### 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.