

2-hydroxy-3-oxopropionate reductase

Cat. No. EXWM-0346

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 (R)-glycerate:NAD(P)⁺ oxidoreductase. This enzyme is also called tartronate semialdehyde reductase. This enzyme participates in glyoxylate and dicarboxylate metabolism.

Synonyms tartronate semialdehyde reductase; (R)-glycerate:NAD(P)⁺ oxidoreductase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.60

CAS No. 9028-68-6

Reaction D-glycerate + NAD(P)⁺ = 2-hydroxy-3-oxopropanoate + 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.