

propanediol-phosphate dehydrogenase

Cat. No. EXWM-0354

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 propane-1,2-diol-1-phosphate:NAD⁺ oxidoreductase. Other names in common use include PDP dehydrogenase, 1,2-propanediol-1-phosphate:NAD⁺ oxidoreductase, and propanediol phosphate dehydrogenase.

Synonyms

PDP dehydrogenase; 1,2-propanediol-1-phosphate:NAD⁺ oxidoreductase; propanediol phosphate dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.7

CAS No.

9028-15-3

Reaction

propane-1,2-diol 1-phosphate + NAD⁺ = hydroxyacetone phosphate + 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.