Creative Enzymes®

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