

## 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<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is propane-1,2-diol-1-phosphate:NAD<sup>+</sup> oxidoreductase. Other names in common use include PDP dehydrogenase, 1,2-propanediol-1-phosphate:NAD<sup>+</sup> oxidoreductase, and propanediol phosphate dehydrogenase.

#### Synonyms

PDP dehydrogenase; 1,2-propanediol-1-phosphate:NAD<sup>+</sup> 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<sup>+</sup> = hydroxyacetone phosphate + NADH + 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.