

## 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.