

## 2-dehydropantoate 2-reductase

Cat. No. EXWM-0072

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 (R)-pantoate:NADP<sup>+</sup> 2-oxidoreductase. Other names in common use include 2-oxopantoate reductase, 2-ketopantoate reductase, 2-ketopantoic acid reductase, ketopantoate reductase, and ketopantoic acid reductase. This enzyme participates in pantothenate and coa biosynthesis.

#### Synonyms

2-oxopantoate reductase; 2-ketopantoate reductase; 2-ketopantoic acid reductase; ketopantoate reductase; ketopantoic acid reductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.169

#### CAS No.

37211-74-8

#### Reaction

(R)-pantoate + NADP<sup>+</sup> = 2-dehydropantoate + NADPH + 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.