

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⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is (R)-pantoate:NADP⁺ 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⁺ = 2-dehydropantoate + NADPH + 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.