Creative Enzymes®

pantothenase

Cat. No. EXWM-4412

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is (R)-pantothenate amidohydrolase. Other names in common use include pantothenate hydrolase, and pantothenate amidohydrolase. This enzyme participates in pantothenate and coa biosynthesis.
Synonyms	pantothenate hydrolase; pantothenate amidohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.22
CAS No.	9076-90-8
Reaction	(R)-pantothenate + H2O = (R)-pantoate + β-alanine
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 ℃.