

## phosphopantothenoylcysteine decarboxylase

Cat. No. EXWM-4780

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of lyases, to be specific the carboxy-lyases, which cleave carbon-carbon bonds. This enzyme participates in coenzyme A (CoA) biosynthesis from pantothenic acid.

#### Synonyms

4-phosphopantotheoylcysteine decarboxylase; 4-phosphopantothenoyl-L-cysteine decarboxylase; PPC-decarboxylase; N-[(R)-4'-phosphopantothenoyl]-L-cysteine carboxy-lyase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.1.1.36

#### CAS No.

9024-69-5

#### Reaction

$\text{N-}[(\text{R})\text{-4'-phosphopantothenoyl}]\text{-L-cysteine} = \text{pantotheine 4'-phosphate} + \text{CO}_2$

#### 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.