

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 N-[(R)-4'-phosphopantothenoyl]-L-cysteine = pantotheine 4'-phosphate + CO₂

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.