

## prenylcysteine oxidase

Cat. No. EXWM-1662

Lot. No. (See product label)

## Introduction

Description A flavoprotein (FAD). Cleaves the thioether bond of S-prenyl-L-cysteines, such as S-farnesylcysteine and S-

geranylgeranylcysteine. N-Acetyl-prenylcysteine and prenylcysteinyl peptides are not substrates. May represent the final step in the degradation of prenylated proteins in mammalian tissues. Originally

thought to be a simple lyase so it had been classified as EC 4.4.1.18.

**Synonyms** prenylcysteine lyase

## **Product Information**

**Form** Liquid or lyophilized powder

**EC Number** EC 1.8.3.5

**CAS No.** 196717-99-4

**Reaction** an S-prenyl-L-cysteine + O2 + H2O = a prenal + L-cysteine + H2O2

**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

Store it at +4 °C for short term. For long term storage, store it at -20 °C∼-80 °C.

**Tel:** 1-631-562-8517 1-516-512-3133 **Email:** info@creative-enzymes.com

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