

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-geranylgeranyl cysteine. N-Acetyl-prenylcysteine and prenylcysteiny 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

Storage

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