Creative Enzymes®

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

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