Creative Enzymes®

aminocyclopropanecarboxylate oxidase

Cat. No. EXWM-0962

Lot. No. (See product label)

Introduction

Description	A nonheme iron enzyme. Requires CO2 for activity. In the enzyme from plants, the ethylene has signalling functions such as stimulation of fruit-ripening.
Synonyms	ACC oxidase; ethylene-forming enzyme

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.17.4
CAS No.	98668-53-2
Reaction	1-aminocyclopropane-1-carboxylate + ascorbate + O2 = ethylene + cyanide + dehydroascorbate + CO2 + 2 H2O
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 ℃.