Creative Enzymes®

N8-acetylspermidine oxidase (propane-1,3-diamine-forming)

Cat. No. EXWM-1542

Lot. No. (See product label)

Introduction

Description	Also active with N1-acetylspermine, weak activity with N1,N12-diacetylspermine. No activity with diaminopropane, putrescine, cadaverine, diaminohexane, norspermidine, spermine and spermidine. Absence of monoamine oxidase (EC 1.4.3.4) activity. Differs in specificity from EC 1.5.3.13 (N1-acetylpolyamine oxidase), EC 1.5.3.14 (polyamine oxidase (propane-1,3-diamine-forming)), EC 1.5.3.16 (spermine oxidase) and EC 1.5.3.17 (non-specific polyamine oxidase).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.3.15
Reaction	N8-acetylspermidine + O2 + H2O = propane-1,3-diamine + 4-acetamidobutanal + 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 ℃.