

## 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, diaminoethane, 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 + O<sub>2</sub> + H<sub>2</sub>O = propane-1,3-diamine + 4-acetamidobutanal + H<sub>2</sub>O<sub>2</sub>

**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.