

## L-lysine cyclodeaminase

Cat. No. EXWM-5287

Lot. No. (See product label)

### Introduction

**Description** Requires bound NAD<sup>+</sup>. The enzyme produces the non-proteinogenic amino acid L-pipecolate, which is incorporated into multiple secondary metabolite products, including rapamycin, tobulysin, virginiamycin and pristinamycin.

**Synonyms** rapL (gene name); fkbL (gene name); tubZ (gene name); visC (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.3.1.28

**Reaction** L-lysine = L-pipecolate + NH<sub>3</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.