

## methylnornithine synthase

Cat. No. EXWM-5601

Lot. No. (See product label)

### Introduction

**Description** The enzyme is a member of the superfamily of S-adenosyl-L-methionine-dependent radical (radical AdoMet) enzymes. Binds a [4Fe-4S] cluster that is coordinated by 3 cysteines and an exchangeable S-adenosyl-L-methionine molecule. The reaction is part of the biosynthesis pathway of pyrrolysine, a naturally occurring amino acid found in some archaeal methyltransferases.

**Synonyms** PyIB

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 5.4.99.58

**Reaction** L-lysine = (3R)-3-methyl-D-ornithine

**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.