Creative Enzymes®

methylornithine 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	PylB

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.