Creative Enzymes®

cyclo(L-leucyl-L-leucyl) synthase

Cat. No. EXWM-2296

Lot. No. (See product label)

Introduction

Description	The reaction proceeds following a ping-pong mechanism forming a covalent intermediate between an active site serine and the first L-leucine residue. The proteins from bacteria of the genus Bacillus also form small amounts of cyclo(L-phenylalanyl-L-leucyl) and cyclo(L-leucyl-L-methionyl).
Synonyms	YvmC; cLL synthase; cyclodileucine synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.2.22
Reaction	2 L-leucyl-tRNALeu = 2 tRNALeu + cyclo(L-leucyl-L-leucyl)
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 ℃.