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 ℃.