Creative Enzymes®

cyclo(L-leucyl-L-phenylalanyl) synthase

Cat. No. EXWM-2294

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 L-phenylalanine residue. The protein, found in the bacterium Streptomyces noursei, also forms cyclo(L-phenylalanyl-L-phenylalanyl), cyclo(L-methionyl-L-phenylalanyl), cyclo(L-phenylalanyl-L-tyrosyl) and cyclo(L-methionyl-L-tyrosyl).
Synonyms	AlbC; cFL synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.2.20
Reaction	L-leucyl-tRNALeu + L-phenylalanyl-tRNAPhe = tRNALeu + tRNAPhe + cyclo(L-leucyl-L-phenylalanyl)
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 ℃.