Creative Enzymes®

4-coumaroyl-homoserine lactone synthase

Cat. No. EXWM-2176

Lot. No. (See product label)

Introduction

Description	The enzyme is found in the bacterium Rhodopseudomonas palustris, which produces N-(4-coumaroyl)-L-homoserine lactone as a quorum-sensing signal.
Synonyms	p-coumaryl-homoserine lactone synthase; RpaI

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.229
Reaction	4-coumaroyl-CoA + S-adenosyl-L-methionine = CoA + S-methyl-5'-thioadenosine + N-(4-coumaroyl)-L-homoserine lactone
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 ℃.