

## 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; Rpal

### 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.