

(R)-2-hydroxyglutaryl-CoA dehydratase

Cat. No. EXWM-5008

Lot. No. (See product label)

Introduction

Description

The enzymes from the bacteria *Acidaminococcus fermentans* and *Clostridium symbiosum* are involved in the fermentation of L-glutamate. The enzyme contains [4F-4S] clusters, FMNH₂ and riboflavin. It must be activated by an activator protein. Once activated, it can catalyse many turnovers.

Synonyms

hgdAB (gene names)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.167

Reaction

(R)-2-hydroxyglutaryl-CoA = (E)-glutaconyl-CoA + H₂O

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.